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Comment [PE1]: Approved with AIXM-167 (to be done at the Webex on 15 Apr)

Comment [PE2]: Approved with AIXM-169

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substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="aixm:AbstractAIXMFeature"/>
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substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="aixm:AbstractAIXMFeature" />
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substitutionGroup="gml:AbstractTimeSlice" />
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<element name="HoldingPatternTimeSlice"
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substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="gml:AbstractTimeSlice"/>
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        <element name="Minima" type="aixm:MinimaType" />
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type="aixm:MissedApproachLegType"
substitutionGroup="aixm:AbstractApproachLeg" />
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substitutionGroup="gml:AbstractTimeSlice" />
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type="aixm:PrecisionApproachRadarTimeSliceType"
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type="aixm:StandardInstrumentDepartureType"
substitutionGroup="aixm:AbstractProcedure"/>
                                                        <element name="StandardInstrumentDepartureTimeSlice"
type="aixm:StandardInstrumentDepartureTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
                                                            <element name="StandardLevel" type="aixm:StandardLevelType" />
                                                            <element name="StandardLevelColumn"
type="aixm:StandardLevelColumnType"
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type="aixm:StandardLevelColumnTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>

```

```

<element name="StandardLevelSector"
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type="aixm:StandardLevelSectorTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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type="aixm:StandardLevelTableType"
substitutionGroup="aixm:AbstractAIXMFeature" />
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type="aixm:StandardLevelTableTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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substitutionGroup="aixm:AbstractMarking" />
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type="aixm:StandMarkingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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substitutionGroup="gml:Surface" />
                            <element name="SurfaceCharacteristics"
type="aixm:SurfaceCharacteristicsType" />
                                <element name="SurfaceContaminationLayer"
type="aixm:SurfaceContaminationLayerType" />
                                    <element name="SurveillanceGroundStation"
type="aixm:SurveillanceGroundStationType" />
                                        <element name="SurveyControlPoint"
type="aixm:SurveyControlPointType"
substitutionGroup="aixm:AbstractAIXMFeature" />
                                            <element name="SurveyControlPointTimeSlice"
type="aixm:SurveyControlPointTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
                                                <element name="TACAN" type="aixm:TACANType"
substitutionGroup="aixm:AbstractNavaidEquipment" />
                                                    <element name="TACANTimeSlice" type="aixm:TACANTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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type="aixm:TaxiHoldingPositionType"
substitutionGroup="aixm:AbstractAIXMFeature" />
                                                            <element name="TaxiHoldingPositionLightSystem"
type="aixm:TaxiHoldingPositionLightSystemType"
substitutionGroup="aixm:AbstractGroundLightSystem" />
                                                                <element name="TaxiHoldingPositionLightSystemTimeSlice"
type="aixm:TaxiHoldingPositionLightSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
                                                                    <element name="TaxiHoldingPositionMarking"
type="aixm:TaxiHoldingPositionMarkingType"
substitutionGroup="aixm:AbstractMarking" />
                                                                        <element name="TaxiHoldingPositionMarkingTimeSlice"
type="aixm:TaxiHoldingPositionMarkingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
                                                                            <element name="TaxiHoldingPositionTimeSlice"
type="aixm:TaxiHoldingPositionTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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substitutionGroup="aixm:AbstractAIXMFeature" />

```

```

<element name="TaxiwayContamination"
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substitutionGroup="aixm:AbstractAIXMFeature"/>
        <element name="TaxiwayElementTimeSlice"
type="aixm:TaxiwayElementTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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type="aixm:TaxiwayLightSystemType"
substitutionGroup="aixm:AbstractGroundLightSystem"/>
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type="aixm:TaxiwayLightSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="aixm:AbstractMarking"/>
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type="aixm:TaxiwayMarkingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
                            <element name="TaxiwayTimeSlice"
type="aixm:TaxiwayTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
                                <element name="TelephoneContact"
type="aixm:TelephoneContactType"
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type="aixm:TerminalArrivalAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
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type="aixm:TerminalArrivalAreaSectorType"/>
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type="aixm:TerminalArrivalAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="aixm:AbstractSegmentPoint"/>
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                                                    <element name="TouchDownLiftOff"
type="aixm:TouchDownLiftOffType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
                                                        <element name="TouchDownLiftOffContamination"
type="aixm:TouchDownLiftOffContaminationType"
substitutionGroup="aixm:AbstractSurfaceContamination"/>
                                                            <element name="TouchDownLiftOffLightSystem"
type="aixm:TouchDownLiftOffLightSystemType"
substitutionGroup="aixm:AbstractGroundLightSystem"/>
                                                                <element name="TouchDownLiftOffLightSystemTimeSlice"
type="aixm:TouchDownLiftOffLightSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
                                                                    <element name="TouchDownLiftOffMarking"
type="aixm:TouchDownLiftOffMarkingType"
substitutionGroup="aixm:AbstractMarking"/>
                                                                        <element name="TouchDownLiftOffMarkingTimeSlice"
type="aixm:TouchDownLiftOffMarkingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>

```

```

<element name="TouchDownLiftOffSafeArea"
type="aixm:TouchDownLiftOffSafeAreaType"
substitutionGroup="aixm:AbstractAirportHeliportProtectionArea"/>
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type="aixm:TouchDownLiftOffSafeAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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type="aixm:TouchDownLiftOffTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="aixm:AbstractPropertiesWithSchedule" />
                    <element name="UnitDependency"
type="aixm:UnitDependencyType" />
                        <element name="UnitTimeSlice" type="aixm:UnitTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
                            <element name="UnplannedHolding"
type="aixm:UnplannedHoldingType"
substitutionGroup="aixm:AbstractAIXMFeature" />
                                <element name="UnplannedHoldingTimeSlice"
type="aixm:UnplannedHoldingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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substitutionGroup="aixm:AbstractAIXMFeature" />
                                        <element name="VerticalStructureLightingStatus"
type="aixm:VerticalStructureLightingStatusType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule" />
                                            <element name="VerticalStructurePart"
type="aixm:VerticalStructurePartType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule" />
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substitutionGroup="gml:AbstractTimeSlice" />
                                                    <element name="VisualGlideSlopeIndicator"
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substitutionGroup="aixm:AbstractGroundLightSystem" />
                                                        <element name="VisualGlideSlopeIndicatorTimeSlice"
type="aixm:VisualGlideSlopeIndicatorTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
                                                            <element name="VOR" type="aixm:VORType"
substitutionGroup="aixm:AbstractNavaidEquipment" />
                                                                <element name="VORTimeSlice" type="aixm:VORTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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substitutionGroup="aixm:AbstractAIXMFeature" />
                                                                        <element name="WorkareaActivity"
type="aixm:WorkareaActivityType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule" />
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type="aixm:WorkAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice" />
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abstract="true">

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</complexType>
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</complexType>
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        <extension base="aixm:AbstractAIXMFeatureType" />
    </complexContent>
</complexType>
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    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType" />
    </complexContent>
</complexType>
<complexType name="AbstractNavaidEquipmentType" abstract="true">
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        <extension base="aixm:AbstractAIXMFeatureType" />
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</complexType>
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    </complexContent>
</complexType>
```

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        <extension base="aixm:AbstractAIXMFeatureType" />
    </complexContent>
</complexType>
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    </complexContent>
</complexType>
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    <complexContent>
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        </extension>
    </complexContent>
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        <extension base="aixm:AbstractRadarEquipmentType" />
    </complexContent>
</complexType>
<complexType name="AbstractTrafficSeparationServiceType"
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</complexType>
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ref="aixm:AerialRefuellingAnchor" />
```

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        </sequence>
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ref="aixm:AbstractAerialRefuellingAnchorExtension" />
                        </sequencechoice>
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ref="gml:OwnershipAttributeGroup" />
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            </sequence>
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</complexType>
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ref="aixm:AerialRefuellingPoint" />
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        </extension>
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</complexType>
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ref="aixm:SegmentPointPropertyGroup" />
                <group
ref="aixm:AerialRefuellingPointPropertyGroup" />
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maxOccurs="unbounded">
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                            <element
ref="aixm:AbstractSegmentPointExtension" />
                            <element
ref="aixm:AbstractAerialRefuellingPointExtension" />
                        </choice>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                </complexType>
            </element>
        </sequence>
    </extension>

```

Comment [PE3]: This change has no real impact. It just simplifies the schema generation, as in the case of multiple extensions (inherited from parent classes), a <choice> is used.

```

        </sequence>
    </extension>
</complexContent>
</complexType>
<complexType name="AerialRefuellingPropertyType">
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
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    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AerialRefuellingPropertyGroup"/>
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maxOccurs="unbounded">
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                            <element
ref="aixm:AbstractAerialRefuellingExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                            </complexType>
                        </element>
                    </sequence>
                </extension>
            </complexContent>
        </complexType>
    <complexContent>
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ref="aixm:AerialRefuellingTrack"/>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
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    <complexContent>
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ref="aixm:AerialRefuellingTrackPropertyGroup"/>
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maxOccurs="unbounded">
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                        <sequence>
                            <choice>

```

```

                <element
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ref="gml:OwnershipAttributeGroup"/>
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        </sequence>
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type="aixm:AerialRefuellingTimeSlicePropertyType"
maxOccurs="unbounded"/>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType
name="AeronauticalGroundLightTimeSlicePropertyType">
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ref="aixm:AeronauticalGroundLightTimeSlice"/>
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    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
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<complexType name="AeronauticalGroundLightTimeSliceType">
    <complexContent>
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ref="aixm:AeronauticalGroundLightPropertyGroup"/>
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maxOccurs="unbounded">
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                        <sequence>
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ref="aixm:AbstractAeronauticalGroundLightExtension"/>
                        </sequence>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
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<complexType name="AeronauticalGroundLightType">

```

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type="aixm:AeronauticalGroundLightTimeSlicePropertyType"
maxOccurs="unbounded"/>
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ref="aixm:AircraftCharacteristic"/>
            </sequence>
        </extension>
    </complexContent>
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ref="aixm:AircraftCharacteristicPropertyGroup"/>
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ref="aixm:AbstractAircraftCharacteristicExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
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name="AircraftGroundServiceTimeSlicePropertyType">
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```

        <group
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maxOccurs="unbounded">
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ref="aixm:AbstractAircraftGroundServiceExtension" />
                            <element
ref="aixm:AbstractAirportGroundServiceExtension" />
                                <element
ref="aixm:AbstractServiceExtension" />
                            </choice>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                </complexType>
            </element>
        </sequence>
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</complexContent>
</complexType>
<complexType name="AircraftGroundServiceType">
    <complexContent>
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base="aixm:AbstractAirportGroundServiceType">
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type="aixm:AircraftGroundServiceTimeSlice.PropertyType"
maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
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    <complexContent>
        <extension base="aixm:AbstractAIXM.PropertyType">
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ref="aixm:AircraftStandContamination" />
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        </extension>
    </complexContent>
</complexType>
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    <complexContent>
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base="aixm:AbstractSurfaceContaminationType">
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ref="aixm:SurfaceContaminationPropertyGroup" />
                <group
ref="aixm:AircraftStandContaminationPropertyGroup" />
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maxOccurs="unbounded" />
                <complexType>
                    <choice>

```

```

                <element
ref="aixm:AbstractSurfaceContaminationExtension"/>
                <element
ref="aixm:AbstractAircraftStandContaminationExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
        </complexType>
    </element>
</sequence>
</extension>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
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maxOccurs="unbounded">
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ref="aixm:AbstractAircraftStandExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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            </sequence>
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<complexType name="AirportClearanceServicePropertyType">

```

```

        <attributeGroup ref="gml:OwnershipAttributeGroup"/>
        <attributeGroup ref="gml:AssociationAttributeGroup"/>
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maxOccurs="unbounded">
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ref="aixm:AbstractAirportClearanceServiceExtension"/>
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ref="aixm:AbstractAirportGroundServiceExtension"/>
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ref="aixm:AbstractServiceExtension"/>
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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    <complexContent>
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base="aixm:AbstractAirportGroundServiceType">
            <sequence>
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type="aixm:AirportClearanceServiceTimeSlicePropertyType"
maxOccurs="unbounded"/>
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</complexType>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
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    <complexContent>
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```

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ref="aixm:AirportHeliportAvailability" />
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base="aixm:AbstractPropertiesWithScheduleType">
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ref="aixm:AirportHeliportAvailabilityPropertyGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractPropertiesWithScheduleExtension" />
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ref="aixm:AbstractAirportHeliportAvailabilityExtension" />
                            </choice>
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ref="gml:OwnershipAttributeGroup" />
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                    </sequence>
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                </sequence>
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ref="aixm:AbstractGroundLightSystemExtension"/>
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractApronLightSystemExtension"/>
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ref="aixm:AbstractGroundLightSystemExtension"/>
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                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AbstractMarkingExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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type="aixm:ApronTimeSlicePropertyType" maxOccurs="unbounded"/>
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AbstractApproachLegExtension"/>
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ref="aixm:AbstractSegmentLegExtension"/>
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ref="aixm:AbstractArrivalLegExtension"/>
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ref="aixm:AbstractSegmentLegExtension"/>
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractAuthorityForAirspaceExtension" />
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ref="aixm:AbstractAuthorityForNavaidEquipmentExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractNavaidEquipmentExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractCirclingAreaExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AbstractCirclingRestrictionExtension"/>
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractSegmentLegExtension"/>
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ref="aixm:DirectFlightClassPropertyGroup"/>
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ref="aixm:AbstractDirectFlightClassExtension"/>
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ref="aixm:AbstractDirectionFinderExtension"/>
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maxOccurs="unbounded">
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ref="gml:OwnershipAttributeGroup"/>
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        </sequence>
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        </extension>
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ref="aixm:ElevatedPointPropertyGroup"/>
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractElevatedPointExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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</complexType>

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        </complexContent>
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ref="aixm:ElevatedSurfacePropertyGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractElevatedSurfaceExtension" />
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ref="gml:OwnershipAttributeGroup" />
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        <attributeGroup ref="gml:OwnershipAttributeGroup" />
        <attributeGroup ref="gml:AssociationAttributeGroup" />
    </complexType>
    <complexType name="ElevationTimeSlice.PropertyType">
        <sequence>
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        </sequence>
        <attributeGroup ref="gml:OwnershipAttributeGroup" />
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    <complexType name="ElevationTimeSliceType">
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ref="aixm:ElevationPropertyGroup" />
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractElevationExtension" />
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ref="aixm:AbstractNavaidEquipmentExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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                    </element>
                </sequence>
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<complexType name="ElevationType">
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type="aixm:ElevationTimeSlicePropertyType" maxOccurs="unbounded"/>
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        </extension>
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        <extension base="aixm:AbstractSegmentPointType">
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ref="aixm:SegmentPointPropertyGroup" />
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ref="aixm:EnRouteSegmentPointPropertyGroup" />
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maxOccurs="unbounded" >
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                            <element
ref="aixm:AbstractSegmentPointExtension" />
                            <element
ref="aixm:AbstractEnRouteSegmentPointExtension" />
                        </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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ref="aixm:EquipmentUnavailableAdjustmentColumn" />
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ref="aixm:EquipmentUnavailableAdjustmentColumnPropertyGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractEquipmentUnavailableAdjustmentColumnExtension" />
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                    </complexType>
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            </sequence>
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ref="aixm:EquipmentUnavailableAdjustment" />
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ref="aixm:EquipmentUnavailableAdjustmentPropertyGroup" />
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maxOccurs="unbounded">
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                            <sequence>
                                <!-- sequence choice -->
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ref="aixm:AbstractEquipmentUnavailableAdjustmentExtension" />
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            </extension>
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</complexType>
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    <complexContent>
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                <element ref="aixm:FASDataBlock" />
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ref="aixm:FASDataBlockPropertyGroup" />
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ref="aixm:AbstractFASDataBlockExtension" />
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                                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                            </complexType>
                        </sequence>
                    </element>
                </sequence>
            </extension>
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    </complexType>
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        <attributeGroup ref="gml:OwnershipAttributeGroup" />
        <attributeGroup ref="gml:AssociationAttributeGroup" />
    </complexType>
    <complexType name="FinalLegTimeSlice.PropertyType">
        <sequence>
            <element ref="aixm:FinalLegTimeSlice" />
        </sequence>
        <attributeGroup ref="gml:OwnershipAttributeGroup" />
    </complexType>
    <complexType name="FinalLegTimeSliceType">
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maxOccurs="unbounded">
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ref="aixm:AbstractFinalLegExtension" />
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ref="aixm:AbstractApproachLegExtension" />
                                <element
ref="aixm:AbstractSegmentLegExtension" />
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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                </sequence>
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type="aixm:FinalLegTimeSlicePropertyType" maxOccurs="unbounded" />
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        </extension>
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        </extension>
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<complexType name="FinalProfileType">
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ref="aixm:FinalProfilePropertyGroup">
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maxOccurs="unbounded" >
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                            <element
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="FireFightingServiceTimeSlicePropertyType">
    <sequence>
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    <complexContent>

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<extension base="aixm:AbstractAIXMTimeType">
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ref="aixm:FireFightingServicePropertyGroup"/>
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maxOccurs="unbounded">
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ref="aixm:AbstractFireFightingServiceExtension"/>
                        <element
ref="aixm:AbstractAirportGroundServiceExtension"/>
                        <element
ref="aixm:AbstractServiceExtension"/>
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        </sequence>
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    <complexContent>
        <extension
base="aixm:AbstractAirportGroundServiceType">
            <sequence>
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type="aixm:FireFightingServiceTimeSlice.PropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
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</complexType>
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ref="aixm:FlightCharacteristic"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="FlightCharacteristicType">
    <complexContent>
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ref="aixm:FlightCharacteristicPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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                            <sequence>

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                <element
ref="aixm:AbstractFlightCharacteristicExtension"/>
                </sequence>
                <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:FlightConditionCircumstance"/>
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        </extension>
    </complexContent>
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<complexType name="FlightConditionCircumstanceType">
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ref="aixm:FlightConditionCircumstancePropertyGroup"/>
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maxOccurs="unbounded">
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                            <sequence>
                                <sequence>
                                    <element
ref="aixm:AbstractFlightConditionCircumstanceExtension"/>
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                            </sequence>
                        </complexType>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </element>
                </sequence>
            </extension>
        </complexContent>
</complexType>
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ref="aixm:FlightConditionCombination"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="FlightConditionCombinationType">
    <complexContent>
        <extension
base="aixm:AbstractPropertiesWithScheduleType">

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        <sequence>
            <group
ref="aixm:PropertiesWithSchedulePropertyGroup" />
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ref="aixm:FlightConditionCombinationPropertyGroup" />
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maxOccurs="unbounded">
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                            <choice>
                                <element
ref="aixm:AbstractPropertiesWithScheduleExtension" />
                                <element
ref="aixm:AbstractFlightConditionCombinationExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="FlightConditionElementPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
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                <element
ref="aixm:FlightConditionElement" />
            </sequence>
        </extension>
    </complexContent>
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<complexType name="FlightConditionElementType">
    <complexContent>
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ref="aixm:FlightConditionElementPropertyGroup" />
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractFlightConditionElementExtension" />
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
</complexType>
<complexType name="FlightRestrictionLevelPropertyType">
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        <extension base="aixm:AbstractAIXMPropertyType">

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        <sequence>
            <element
ref="aixm:FlightRestrictionLevel"/>
        </sequence>
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    <complexContent>
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ref="aixm:FlightRestrictionLevelPropertyGroup"/>
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractFlightRestrictionLevelExtension"/>
                            </sequencechoice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
                </complexContent>
            </complexType>
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    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="FlightRestrictionRoute.PropertyType">
    <complexContent>
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            <sequence>
                <element
ref="aixm:FlightRestrictionRoute"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="FlightRestrictionRouteType">
    <complexContent>
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ref="aixm:FlightRestrictionRoutePropertyGroup"/>
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractFlightRestrictionRouteExtension"/>
                            </sequencechoice>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>

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                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="FlightRestrictionTimeSlicePropertyType">
    <sequence>
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    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
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<complexType name="FlightRestrictionTimeSliceType">
    <complexContent>
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ref="aixm:FlightRestrictionPropertyGroup" />
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maxOccurs="unbounded" >
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                            <sequence>
                                <element
ref="aixm:AbstractFlightRestrictionExtension" />
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
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</complexType>
<complexType name="FlightRestrictionType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType" >
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                <element name="timeSlice"
type="aixm:FlightRestrictionTimeSlicePropertyType"
maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
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    <complexContent>
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ref="aixm:FlightRoutingElement" />
            </sequence>
        </extension>
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</complexType>

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<complexType name="FlightRoutingElementType">
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ref="aixm:FlightRoutingElementPropertyGroup"/>
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maxOccurs="unbounded">
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                            <sequencechoice>
                                <element
ref="aixm:AbstractFlightRoutingElementExtension"/>
                            </sequencechoice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="FloatingDockSitePropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="FloatingDockSiteTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:FloatingDockSiteTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
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<complexType name="FloatingDockSiteTimeSliceType">
    <complexContent>
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                <group
ref="aixm:FloatingDockSitePropertyGroup"/>
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maxOccurs="unbounded">
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                            <sequence>
                                <element
ref="aixm:AbstractFloatingDockSiteExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="FloatingDockSiteType">
    <complexContent>
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                <element name="timeSlice"
type="aixm:FloatingDockSiteTimeSlicePropertyType"
maxOccurs="unbounded"/>
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<complexType name="Fuel.PropertyType">
    <complexContent>
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            </sequence>
        </extension>
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maxOccurs="unbounded">
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                        <sequence>
                            <!-- sequence choice -->
                            <element
ref="aixm:AbstractFuelExtension" />
                            <!-- sequence choice -->
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                                <complexType>
                                    </complexType>
                                <element>
                                    </sequence>
                                </element>
                            </sequence>
                        </extension>
                    </complexContent>
                </complexType>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="GeoBorder.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="GeoBorderTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:GeoBorderTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="GeoBorderTimeSliceType">
    <complexContent>
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ref="aixm:GeoBorderPropertyGroup" />
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maxOccurs="unbounded">
                    <complexType>
                        <sequence>

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                <element
ref="aixm:AbstractGeoBorderExtension" />
                    </sequence>
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ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
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<complexType name="GeoBorderType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
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type="aixm:GeoBorderTimeSlicePropertyType" maxOccurs="unbounded" />
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        </extension>
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</complexType>
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="GlidepathTimeSlicePropertyType">
    <sequence>
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    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="GlidepathTimeSliceType">
    <complexContent>
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            <sequence>
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ref="aixm:GlidepathPropertyGroup" />
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maxOccurs="unbounded" />
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                    <choice>
                        <element
ref="aixm:AbstractGlidepathExtension" />
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ref="aixm:AbstractNavaidEquipmentExtension" />
                    </choice>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                </complexType>
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        </extension>
    </complexContent>
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<complexType name="GlidepathType">
    <complexContent>

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<extension base="aixm:AbstractNavaidEquipmentType">
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type="aixm:GlidepathTimeSlicePropertyType" maxOccurs="unbounded"/>
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    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
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ref="aixm:GroundLightingAvailability" />
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        </extension>
    </complexContent>
</complexType>
<complexType name="GroundLightingAvailabilityType">
    <complexContent>
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base="aixm:AbstractPropertiesWithScheduleType">
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ref="aixm:PropertiesWithSchedulePropertyGroup" />
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ref="aixm:GroundLightingAvailabilityPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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                            <choice>
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ref="aixm:AbstractPropertiesWithScheduleExtension" />
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ref="aixm:AbstractGroundLightingAvailabilityExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
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<complexType name="GroundTrafficControlServicePropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="GroundTrafficControlServiceTimeSlicePropertyType">
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        <element
ref="aixm:GroundTrafficControlServiceTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
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    <complexContent>
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ref="aixm:GroundTrafficControlServicePropertyGroup" />
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractGroundTrafficControlServiceExtension" />
                                <element
ref="aixm:AbstractTrafficSeparationServiceExtension" />
                                <element
ref="aixm:AbstractServiceExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    <complexType name="GroundTrafficControlServiceType">
        <complexContent>
            <extension
base="aixm:AbstractTrafficSeparationServiceType">
                <sequence>
                    <element name="timeSlice"
type="aixm:GroundTrafficControlServiceTimeSlice.PropertyType"
maxOccurs="unbounded" />
                </sequence>
            </extension>
        </complexContent>
    </complexType>
    <complexType name="GuidanceLineLightSystemPropertyType">
        <attributeGroup ref="gml:OwnershipAttributeGroup" />
        <attributeGroup ref="gml:AssociationAttributeGroup" />
    </complexType>
    <complexType
name="GuidanceLineLightSystemTimeSlice.PropertyType">
        <sequence>
            <element
ref="aixm:GuidanceLineLightSystemTimeSlice" />
        </sequence>
        <attributeGroup ref="gml:OwnershipAttributeGroup" />
    </complexType>
    <complexType name="GuidanceLineLightSystemTimeSliceType">
        <complexContent>

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<extension base="aixm:AbstractAIXMTimeTypeType">
    <sequence>
        <group
ref="aixm:GuidanceLineLightSystemPropertyGroup" />
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maxOccurs="unbounded">
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                    <choice>
                        <element
ref="aixm:AbstractGuidanceLineLightSystemExtension" />
                        <element
ref="aixm:AbstractGroundLightSystemExtension" />
                    </choice>
                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                </complexType>
            </element>
        </sequence>
    </extension>
</complexContent>
</complexType>
<complexType name="GuidanceLineLightSystemType">
    <complexContent>
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base="aixm:AbstractGroundLightSystemType">
            <sequence>
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type="aixm:GuidanceLineLightSystemTimeSlicePropertyType"
maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="GuidanceLineMarkingPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="GuidanceLineMarkingTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:GuidanceLineMarkingTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
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<complexType name="GuidanceLineMarkingTimeSliceType">
    <complexContent>
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                <group
ref="aixm:GuidanceLineMarkingPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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                            <choice>
                                <element
ref="aixm:AbstractGuidanceLineMarkingExtension" />

```

```

                <element
ref="aixm:AbstractMarkingExtension" />
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<attributeGroup
ref="gml:OwnershipAttributeGroup" />
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
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<complexType name="GuidanceLineMarkingType" >
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        <extension base="aixm:AbstractMarkingType" >
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type="aixm:GuidanceLineMarkingTimeSlicePropertyType"
maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="GuidanceLinePropertyType" >
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="GuidanceLineTimeSlicePropertyType" >
    <sequence>
        <element ref="aixm:GuidanceLineTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="GuidanceLineTimeSliceType" >
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType" >
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ref="aixm:GuidanceLinePropertyGroup" />
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maxOccurs="unbounded" >
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                            <element
ref="aixm:AbstractGuidanceLineExtension" />
                        </sequence>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="GuidanceLineType" >
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType" >

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        <sequence>
            <element name="timeSlice"
type="aixm:GuidanceLineTimeSlicePropertyType"
maxOccurs="unbounded"/>
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    </extension>
</complexContent>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="HoldingAssessmentTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:HoldingAssessmentTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="HoldingAssessmentTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group
ref="aixm:HoldingAssessmentPropertyGroup"/>
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                    <complexType>
                        <sequence>
                            <element
ref="aixm:AbstractHoldingAssessmentExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="HoldingAssessmentType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
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type="aixm:HoldingAssessmentTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="HoldingPatternDistancePropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:HoldingPatternDistance"/>

```

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                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="HoldingPatternDistanceType">
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        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>
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ref="aixm:HoldingPatternDistancePropertyGroup" />
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maxOccurs="unbounded">
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                            <sequencechoice>
                                <element
ref="aixm:AbstractHoldingPatternDistanceExtension" />
                            </sequencechoice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
                </complexContent>
            </complexType>
<complexType name="HoldingPatternDurationPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:HoldingPatternDuration" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="HoldingPatternDurationType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>
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ref="aixm:HoldingPatternDurationPropertyGroup" />
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maxOccurs="unbounded">
                        <complexType>
                            <sequencechoice>
                                <element
ref="aixm:AbstractHoldingPatternDurationExtension" />
                            </sequencechoice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
                </complexContent>
            </complexType>
        </extension>
    </complexContent>
</complexType>

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<complexType name="HoldingPatternPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="HoldingPatternTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:HoldingPatternTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="HoldingPatternTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group
ref="aixm:HoldingPatternPropertyGroup">
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <sequence>
                                <element
ref="aixm:AbstractHoldingPatternExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="HoldingPatternType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
                <element name="timeSlice"
type="aixm:HoldingPatternTimeSlice.PropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="HoldingUse.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:HoldingUse" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="HoldingUseType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>

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        <group
ref="aixm:HoldingUsePropertyGroup"/>
            <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                <complexType>
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                        <!-- sequence choice -->
                        <element
ref="aixm:AbstractHoldingUseExtension"/>
                        <!-- sequence choice -->
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                            </complexType>
                        </element>
                    </sequence>
                </extension>
            </complexContent>
        </complexType>
        <complexType name="InformationService.PropertyType">
            <attributeGroup ref="gml:OwnershipAttributeGroup"/>
            <attributeGroup ref="gml:AssociationAttributeGroup"/>
        </complexType>
        <complexType name="InformationServiceTimeSlice.PropertyType">
            <sequence>
                <element ref="aixm:InformationServiceTimeSlice"/>
            </sequence>
            <attributeGroup ref="gml:OwnershipAttributeGroup"/>
        </complexType>
        <complexType name="InformationServiceTimeSliceType">
            <complexContent>
                <extension base="aixm:AbstractAIXMTimeSliceType">
                    <sequence>
                        <group
ref="aixm:InformationServicePropertyGroup"/>
                            <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                                <complexType>
                                    <choice>
                                        <element
ref="aixm:AbstractInformationServiceExtension"/>
                                        <element
ref="aixm:AbstractServiceExtension"/>
                                    </choice>
                                    <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
                </complexContent>
            </complexType>
            <complexType name="InformationServiceType">
                <complexContent>
                    <extension base="aixm:AbstractServiceType">
                        <sequence>

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                <element name="timeSlice"
type="aixm:InformationServiceTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
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    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="InitialLegTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:InitialLegTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="InitialLegTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTTimeSliceType">
            <sequence>
                <group
ref="aixm:InitialLegPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractInitialLegExtension"/>
                                <element
ref="aixm:AbstractApproachLegExtension"/>
                                <element
ref="aixm:AbstractSegmentLegExtension"/>
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="InitialLegType">
    <complexContent>
        <extension base="aixm:AbstractApproachLegType">
            <sequence>
                <element name="timeSlice"
type="aixm:InitialLegTimeSlicePropertyType" maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="InstrumentApproachProcedure.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>

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<complexType
name="InstrumentApproachProcedureTimeSlicePropertyType">
    <sequence>
        <element
ref="aixm:InstrumentApproachProcedureTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="InstrumentApproachProcedureTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeType">
            <sequence>
                <group
ref="aixm:InstrumentApproachProcedurePropertyGroup"/>
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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                        <choice>
                            <element
ref="aixm:AbstractInstrumentApproachProcedureExtension"/>
                            <element
ref="aixm:AbstractProcedureExtension"/>
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="InstrumentApproachProcedureType">
    <complexContent>
        <extension base="aixm:AbstractProcedureType">
            <sequence>
                <element name="timeSlice"
type="aixm:InstrumentApproachProcedureTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="IntermediateLegPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="IntermediateLegTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:IntermediateLegTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="IntermediateLegTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeType">
            <sequence>

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```

        <group
ref="aixm:IntermediateLegPropertyGroup" />
            <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                <complexType>
                    <choice>
                        <element
ref="aixm:AbstractIntermediateLegExtension"/>
                        <element
ref="aixm:AbstractApproachLegExtension"/>
                        <element
ref="aixm:AbstractSegmentLegExtension"/>
                    </choice>
                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="IntermediateLegType">
    <complexContent>
        <extension base="aixm:AbstractApproachLegType">
            <sequence>
                <element name="timeSlice"
type="aixm:IntermediateLegTimeSlice.PropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="LandingTakeoffAreaCollection.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:LandingTakeoffAreaCollection"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="LandingTakeoffAreaCollectionType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>
                <group
ref="aixm:LandingTakeoffAreaCollection.PropertyType" />
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maxOccurs="unbounded">
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                        <sequencechoice>
                        <element
ref="aixm:AbstractLandingTakeoffAreaCollectionExtension"/>
                    </sequencechoice>
                </complexType>
            </element>
        </sequence>
    </extension>

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```

                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="LightActivationPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:LightActivation" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="LightActivationType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>
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ref="aixm:LightActivationPropertyGroup" />
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maxOccurs="unbounded">
                        <complexType>
                            <sequencechoice>
                                <element
ref="aixm:AbstractLightActivationExtension" />
                            </sequencechoice>
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ref="gml:OwnershipAttributeGroup" />
                            </complexType>
                        </element>
                    </sequence>
                </extension>
            </complexContent>
</complexType>
<complexType name="LightElementPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:LightElement" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="LightElementStatus.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:LightElementStatus" />
            </sequence>
        </extension>
    </complexContent>
</complexType>

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<complexType name="LightElementStatusType">
    <complexContent>
        <extension
            base="aixm:AbstractPropertiesWithScheduleType">
            <sequence>
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                    ref="aixm:PropertiesWithSchedulePropertyGroup" />
                <group
                    ref="aixm:LightElementStatusPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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                            <choice>
                                <element
                                    ref="aixm:AbstractPropertiesWithScheduleExtension" />
                                <element
                                    ref="aixm:AbstractLightElementStatusExtension" />
                            </choice>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
    <complexType name="LightElementType">
        <complexContent>
            <extension base="aixm:AbstractAIXMObjectType">
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                        ref="aixm:LightElementPropertyGroup" />
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maxOccurs="unbounded">
                        <complexType>
                            <sequencechoice>
                                <element
                                    ref="aixm:AbstractLightElementExtension" />
                            </sequencechoice>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
    <complexType name="LinguisticNote.PropertyType">
        <complexContent>
            <extension base="aixm:AbstractAIXMPropertyType">
                <sequence>
                    <element ref="aixm:LinguisticNote" />
                </sequence>
            </extension>
        </complexContent>
    </complexType>

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```
<complexType name="LinguisticNoteType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
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                <group
ref="aixm:LinguisticNotePropertyGroup"/>
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maxOccurs="unbounded">
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                            <sequencechoice>
                                <element
ref="aixm:AbstractLinguisticNoteExtension"/>
                            </sequencechoice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="Localizer.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="LocalizerTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:LocalizerTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="LocalizerTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTsliceType">
            <sequence>
                <group
ref="aixm:LocalizerPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractLocalizerExtension"/>
                                <element
ref="aixm:AbstractNavaidEquipmentExtension"/>
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="LocalizerType">
    <complexContent>
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```

<extension base="aixm:AbstractNavaidEquipmentType">
    <sequence>
        <element name="timeSlice"
type="aixm:LocalizerTimeSlicePropertyType" maxOccurs="unbounded" />
    </sequence>
</extension>
</complexContent>
</complexType>
<complexType name="ManoeuvringAreaAvailabilityPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:ManoeuvringAreaAvailability" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="ManoeuvringAreaAvailabilityType">
    <complexContent>
        <extension
base="aixm:AbstractPropertiesWithScheduleType">
            <sequence>
                <group
ref="aixm:PropertiesWithSchedulePropertyGroup" />
                <group
ref="aixm:ManoeuvringAreaAvailabilityPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded" >
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractPropertiesWithScheduleExtension" />
                                <element
ref="aixm:AbstractManoeuvringAreaAvailabilityExtension" />
                            </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                            </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
</complexType>
<complexType name="ManoeuvringAreaUsagePropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
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                <element
ref="aixm:ManoeuvringAreaUsage" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="ManoeuvringAreaUsageType">
    <complexContent>

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<extension base="aixm:AbstractUsageConditionType">
    <sequence>
        <group
ref="aixm:UsageConditionPropertyGroup">
            <group
ref="aixm:ManoeuvringAreaUsagePropertyGroup"/>
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                    <complexType>
                        <choice>
                            <element
ref="aixm:AbstractUsageConditionExtension"/>
                            <element
ref="aixm:AbstractManoeuvringAreaUsageExtension"/>
                        </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
        </group>
    </extension>
</complexContent>
</complexType>
<complexType name="MarkerBeacon.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="MarkerBeaconTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:MarkerBeaconTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="MarkerBeaconTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTTimeSliceType">
            <sequence>
                <group
ref="aixm:MarkerBeaconPropertyGroup">
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractMarkerBeaconExtension"/>
                                <element
ref="aixm:AbstractNavaidEquipmentExtension"/>
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </group>
        </extension>
    </complexContent>
</complexType>

```

```

<complexType name="MarkerBeaconType">
    <complexContent>
        <extension base="aixm:AbstractNavaidEquipmentType">
            <sequence>
                <element name="timeSlice"
type="aixm:MarkerBeaconTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="MarkingBuoyPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="MarkingBuoyTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:MarkingBuoyTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="MarkingBuoyTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
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ref="aixm:MarkingBuoyPropertyGroup"/>
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ref="aixm:AbstractSegmentLegExtension" />
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ref="aixm:AbstractNavaidEquipmentMonitoringExtension" />
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ref="aixm:AbstractNavaidOperationalStatusExtension"/>
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ref="aixm:AbstractNavaidExtension"/>
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ref="aixm:AbstractNavigationAreaRestrictionExtension"/>
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ref="aixm:AbstractNavigationAreaExtension"/>
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ref="gml:OwnershipAttributeGroup" />
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base="aixm:AbstractPropertiesWithScheduleType">
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ref="aixm:AbstractPropertiesWithScheduleExtension" />
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ref="aixm:AbstractOnlineContactExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:OrganisationAuthorityAssociation" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractOrganisationAuthorityExtension"/>
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                                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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type="aixm:OrganisationAuthorityTimeSlicePropertyType"
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maxOccurs="unbounded">

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name="PassengerLoadingBridgeTimeSlicePropertyType">
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ref="gml:OwnershipAttributeGroup" />
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    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AbstractPassengerServiceExtension"/>
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ref="aixm:AbstractAirportGroundServiceExtension"/>
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ref="aixm:AbstractServiceExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType
name="PilotControlledLightingTimeSlicePropertyType">
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ref="aixm:PilotControlledLightingTimeSlice"/>
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ref="gml:OwnershipAttributeGroup" />
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type="aixm:PilotControlledLightingTimeSlicePropertyType"
maxOccurs="unbounded" />
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:PostalAddressPropertyGroup"/>
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ref="aixm:AbstractPropertiesWithScheduleExtension"/>
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ref="aixm:AbstractPostalAddressExtension"/>
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                        </complexType>
                    </element>
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</complexType>

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                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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name="PrecisionApproachRadarTimeSlice.PropertyType">
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ref="aixm:PrecisionApproachRadarTimeSlice" />
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ref="aixm:AbstractRadarEquipmentExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:PrimarySurveillanceRadarTimeSlice" />
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ref="aixm:AbstractPrimarySurveillanceRadarExtension" />
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ref="aixm:AbstractSurveillanceRadarExtension" />
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ref="aixm:AbstractRadarEquipmentExtension" />
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ref="gml:OwnershipAttributeGroup" />
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base="aixm:AbstractSurveillanceRadarType">
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ref="aixm:ProcedureAvailability" />
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ref="aixm:ProcedureAvailabilityPropertyGroup" />
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ref="aixm:AbstractPropertiesWithScheduleExtension" />
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ref="aixm:AbstractProcedureAvailabilityExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="gml:OwnershipAttributeGroup" />
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AbstractProcedureTransitionExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:AbstractPropertiesWithSchedule"/>
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ref="gml:OwnershipAttributeGroup"/>

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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
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ref="aixm:RadarSystemPropertyGroup"/>
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                                <element
ref="aixm:AbstractRadarSystemExtension"/>
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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type="aixm:RadarSystemTimeSlicePropertyType" maxOccurs="unbounded"/>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
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maxOccurs="unbounded">
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                            <sequence>
                                <element
ref="aixm:AbstractRadioCommunicationChannelExtension"/>
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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type="aixm:RadioCommunicationChannelTimeSlicePropertyType"
maxOccurs="unbounded"/>
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name="RadioCommunicationOperationalStatusPropertyType">
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ref="aixm:RadioCommunicationOperationalStatus"/>
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base="aixm:AbstractPropertiesWithScheduleType">
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        <group
ref="aixm:RadioCommunicationOperationalStatusPropertyGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractPropertiesWithScheduleExtension" />
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ref="aixm:AbstractRadioCommunicationOperationalStatusExtension" />
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                    <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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        </sequence>
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                                <element
ref="aixm:AbstractRadioFrequencyAreaExtension" />
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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</complexType>
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    <complexContent>
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                <element
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|                               </sequence>
|                               <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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|                               </sequence>
|                               </extension>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
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maxOccurs="unbounded">
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ref="aixm:AbstractRoadExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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ref="gml:OwnershipAttributeGroup" />
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ref="gml:OwnershipAttributeGroup" />
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    <attributeGroup ref="gml:AssociationAttributeGroup" />
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    <attributeGroup ref="gml:AssociationAttributeGroup" />
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ref="aixm:AbstractRouteExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:RunwayContaminationPropertyGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractSurfaceContaminationExtension" />
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ref="aixm:AbstractRunwayContaminationExtension" />
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                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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ref="aixm:RunwayDeclaredDistance" />
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ref="aixm:PropertiesWithSchedulePropertyGroup" />

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ref="gml:OwnershipAttributeGroup" />
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name="RunwayDirectionLightSystemTimeSlicePropertyType">
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ref="aixm:RunwayDirectionLightSystemTimeSlice" />
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ref="aixm:AbstractGroundLightSystemExtension" />
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ref="gml:OwnershipAttributeGroup" />
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maxOccurs="unbounded"/>
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ref="gml:OwnershipAttributeGroup"/>
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ref="gml:OwnershipAttributeGroup" />
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maxOccurs="unbounded">

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ref="aixm:AbstractRunwayProtectAreaLightSystemExtension"/>
                            <element
ref="aixm:AbstractGroundLightSystemExtension"/>
                        </choice>
                </complexType>
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</complexType>

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                </choice>
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type="aixm:RunwayProtectAreaLightSystemTimeSlicePropertyType"
maxOccurs="unbounded"/>
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ref="aixm:AbstractAirportHeliportProtectionAreaExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:RunwaySectionContamination"/>
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base="aixm:AbstractSurfaceContaminationType">
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ref="aixm:SurfaceContaminationPropertyGroup" />
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ref="aixm:RunwaySectionContaminationPropertyGroup" />
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ref="aixm:AbstractSurfaceContaminationExtension"/>
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ref="aixm:AbstractRunwaySectionContaminationExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="gml:OwnershipAttributeGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractRunwayVisualRangeExtension" />
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                            </complexType>
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</complexType>
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maxOccurs="unbounded"/>
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ref="aixm:SafeAltitudeAreaSector"/>
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ref="aixm:AbstractSafeAltitudeAreaExtension"/>
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractNavaidEquipmentExtension"/>
                            </choice>
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ref="gml:OwnershipAttributeGroup" />
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                            <attributeGroup
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
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ref="aixm:ServiceOperationalStatus"/>
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ref="aixm:ServiceOperationalStatusPropertyGroup"/>
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ref="aixm:AbstractPropertiesWithScheduleExtension"/>
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ref="aixm:AbstractServiceOperationalStatusExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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                                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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                    </sequence>
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        </complexType>
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type="aixm:SignificantPointInAirspaceTimeSlicePropertyType"
maxOccurs="unbounded" />
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ref="gml:OwnershipAttributeGroup" />
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                    </sequence>
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ref="aixm:SpecialNavigationStationStatus" />
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ref="aixm:SpecialNavigationStationStatus.PropertyType" />
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ref="aixm:AbstractSpecialNavigationStationStatusExtension"/>
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ref="aixm:SpecialNavigationStationTimeSlice"/>
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractSpecialNavigationStationExtension"/>
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                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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ref="gml:OwnershipAttributeGroup" />
                            </complexType>
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type="aixm:SpecialNavigationSystemTimeSlice.PropertyType"
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name="StandardInstrumentArrivalTimeSlice.PropertyType">
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ref="aixm:StandardInstrumentArrivalTimeSlice"/>
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ref="aixm:AbstractStandardInstrumentDepartureExtension" />

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ref="aixm:AbstractProcedureExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractStandardLevelColumnExtension" />
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ref="gml:OwnershipAttributeGroup" />
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ref="aixm:AbstractStandardLevelSectorExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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</complexType>

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ref="aixm:AbstractStandardLevelTableExtension"/>
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ref="gml:OwnershipAttributeGroup"/>
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maxOccurs="unbounded"/>
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| sequencechoice

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|             <element name="extension" minOccurs="0"
| maxOccurs="unbounded">
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|                   <element
|                     ref="aixm:AbstractStandMarkingExtension"/>
|                   <element
|                     ref="aixm:AbstractMarkingExtension"/>
|                   </choice>
|                 <attributeGroup
|                   ref="gml:OwnershipAttributeGroup"/>
|                 </complexType>
|               </element>
|             </sequence>
|           </extension>
|         </complexContent>
|       </complexType>
|       <complexType name="StandMarkingType">
|         <complexContent>
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|             <sequence>
|               <element name="timeSlice"
| type="aixm:StandMarkingTimeSlicePropertyType"
| maxOccurs="unbounded"/>
|             </sequence>
|           </extension>
|         </complexContent>
|       </complexType>
|       <complexType name="SurfaceCharacteristicsPropertyType">

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ref="aixm:SurfaceCharacteristics"/>
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maxOccurs="unbounded">
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ref="gml:OwnershipAttributeGroup"/>
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ref="aixm:SurfaceContaminationLayer"/>
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ref="aixm:SurfaceContaminationLayerPropertyGroup"/>
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maxOccurs="unbounded">
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ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
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                </element>
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ref="aixm:AbstractSurfaceContamination"/>
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ref="aixm:SurveillanceGroundStation"/>
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ref="aixm:SurveillanceGroundStationPropertyGroup" />
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ref="aixm:AbstractSurveillanceGroundStationExtension" />
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</complexType>

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                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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    <attributeGroup ref="gml:AssociationAttributeGroup" />
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    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
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    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
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ref="aixm:SurveyControlPointPropertyGroup" />
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maxOccurs="unbounded" >
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ref="aixm:AbstractSurveyControlPointExtension" />
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ref="gml:OwnershipAttributeGroup" />
                            </complexType>
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        </complexContent>
</complexType>
<complexType name="SurveyControlPointType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
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type="aixm:SurveyControlPointTimeSlice.PropertyType"
maxOccurs="unbounded" />
            </sequence>
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</complexType>
<complexType name="TACAN.PropertyType">
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        <attributeGroup ref="gml:AssociationAttributeGroup" />
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractTACANEExtension" />
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ref="aixm:AbstractNavaidEquipmentExtension" />
                        </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                    </complexType>
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            </sequence>
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type="aixm:TACANTimeSlice.PropertyType" maxOccurs="unbounded" />
            </sequence>
        </extension>
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name="TaxiHoldingPositionLightSystem.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType
name="TaxiHoldingPositionLightSystemTimeSlice.PropertyType">
    <sequence>
        <element
ref="aixm:TaxiHoldingPositionLightSystemTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
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name="TaxiHoldingPositionLightSystemTimeSliceType">
    <complexContent>

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ref="aixm:TaxiHoldingPositionLightSystemPropertyGroup" />
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maxOccurs="unbounded">
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                        <element
ref="aixm:AbstractTaxiHoldingPositionLightSystemExtension" />
                        <element
ref="aixm:AbstractGroundLightSystemExtension" />
                    </choice>
                </complexType>
                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
            </element>
        </sequence>
    </extension>
</complexContent>
</complexType>
<complexType name="TaxiHoldingPositionLightSystemType" >
    <complexContent>
        <extension
base="aixm:AbstractGroundLightSystemType" >
            <sequence>
                <element name="timeSlice"
type="aixm:TaxiHoldingPositionLightSystemTimeSlicePropertyType"
maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType
name="TaxiHoldingPositionMarkingTimeSlicePropertyType" >
    <sequence>
        <element
ref="aixm:TaxiHoldingPositionMarkingTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="TaxiHoldingPositionMarkingTimeSliceType" >
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ref="aixm:TaxiHoldingPositionMarkingPropertyGroup" />
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maxOccurs="unbounded">
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                            <choice>

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                <element
ref="aixm:AbstractTaxiHoldingPositionMarkingExtension"/>
                <element
ref="aixm:AbstractMarkingExtension"/>
                    </choice>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
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                    </element>
                </sequence>
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type="aixm:TaxiHoldingPositionMarkingTimeSlicePropertyType"
maxOccurs="unbounded"/>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="TaxiHoldingPositionTimeSlicePropertyType">
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    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="TaxiHoldingPositionTimeSliceType">
    <complexContent>
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ref="aixm:TaxiHoldingPositionPropertyGroup"/>
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maxOccurs="unbounded">
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                            <sequence>
                                <element
ref="aixm:AbstractTaxiHoldingPositionExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
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type="aixm:TaxiHoldingPositionTimeSlicePropertyType"
maxOccurs="unbounded"/>
        </sequence>
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</complexType>
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            <sequence>
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ref="aixm:TaxiwayContamination"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TaxiwayContaminationType">
    <complexContent>
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base="aixm:AbstractSurfaceContaminationType">
            <sequence>
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ref="aixm:SurfaceContaminationPropertyGroup" />
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ref="aixm:TaxiwayContaminationPropertyGroup" />
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractSurfaceContaminationExtension" />
                                <element
ref="aixm:AbstractTaxiwayContaminationExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
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    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
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    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
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                            <sequence>
                                <element
ref="aixm:AbstractTaxiwayElementExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
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    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
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type="aixm:TaxiwayElementTimeSlice.PropertyType"
maxOccurs="unbounded"/>
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    </complexContent>
</complexType>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="TaxiwayLightSystemTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:TaxiwayLightSystemTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
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    <complexContent>
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ref="aixm:TaxiwayLightSystemPropertyGroup"/>
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maxOccurs="unbounded">
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                                <element
ref="aixm:AbstractTaxiwayLightSystemExtension"/>
                                <element
ref="aixm:AbstractGroundLightSystemExtension"/>
                            </choice>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>

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                </choice>
                <attributeGroup
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                </element>
            </sequence>
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    </complexContent>
</complexType>
<complexType name="TaxiwayLightSystemType">
    <complexContent>
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base="aixm:AbstractGroundLightSystemType">
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type="aixm:TaxiwayLightSystemTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="TaxiwayMarkingTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:TaxiwayMarkingTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="TaxiwayMarkingTimeSliceType">
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maxOccurs="unbounded">
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                            <element
ref="aixm:AbstractTaxiwayMarkingExtension"/>
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ref="aixm:AbstractMarkingExtension"/>
                        </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TaxiwayMarkingType">
    <complexContent>

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type="aixm:TaxiwayMarkingTimeSlicePropertyType"
maxOccurs="unbounded"/>
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</extension>
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    <attributeGroup ref="gml:AssociationAttributeGroup"/>
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<complexType name="TaxiwayTimeSlicePropertyType">
    <sequence>
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    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="TaxiwayTimeSliceType">
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maxOccurs="unbounded">
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                            <element
ref="aixm:AbstractTaxiwayExtension"/>
                        </sequence>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TaxiwayType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
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type="aixm:TaxiwayTimeSlicePropertyType" maxOccurs="unbounded"/>
            </sequence>
        </extension>
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</complexType>
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    <complexContent>
        <extension base="aixm:AbstractAIXMPROPERTYTYPE">
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            </sequence>
        </extension>
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</complexType>

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        </complexContent>
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ref="aixm:PropertiesWithSchedulePropertyGroup" />
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ref="aixm:TelephoneContactPropertyGroup" />
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maxOccurs="unbounded">
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ref="aixm:AbstractPropertiesWithScheduleExtension" />
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ref="aixm:AbstractTelephoneContactExtension" />
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                        <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                            </complexType>
                        </element>
                    </sequence>
                </extension>
            </complexContent>
        </complexType>
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="TerminalArrivalAreaSectorPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
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ref="aixm:TerminalArrivalAreaSector" />
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        </extension>
    </complexContent>
</complexType>
<complexType name="TerminalArrivalAreaSectorType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>
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ref="aixm:TerminalArrivalAreaSectorPropertyGroup" />
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maxOccurs="unbounded">
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                            <sequencechoice>
                                <element
ref="aixm:AbstractTerminalArrivalAreaSectorExtension" />
                            </sequencechoice>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>

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                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
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                </element>
            </sequence>
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    </complexContent>
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<complexType name="TerminalArrivalAreaTimeSlicePropertyType" >
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
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    <complexContent>
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maxOccurs="unbounded" >
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                            <sequence>
                                <element
ref="aixm:AbstractTerminalArrivalAreaExtension" />
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                                </complexType>
                            </element>
                        </sequence>
                    </extension>
                </complexContent>
</complexType>
<complexType name="TerminalArrivalAreaType" >
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType" >
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type="aixm:TerminalArrivalAreaTimeSlicePropertyType"
maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
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    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType" >
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ref="aixm:TerminalSegmentPoint" />
            </sequence>
        </extension>
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</complexType>

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<complexType name="TerminalSegmentPointType">
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ref="aixm:SegmentPointPropertyGroup"/>
                <group
ref="aixm:TerminalSegmentPointPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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                            <choice>
                                <element
ref="aixm:AbstractSegmentPointExtension"/>
                                <element
ref="aixm:AbstractTerminalSegmentPointExtension"/>
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="Timesheet.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:Timesheet"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TimesheetType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
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ref="aixm:TimesheetPropertyGroup"/>
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maxOccurs="unbounded">
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                            <sequence>
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ref="aixm:AbstractTimesheetExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
</complexType>
<complexType name="TouchDownLiftOffContamination.PropertyType">

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<complexContent>
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        <sequence>
            <element
ref="aixm:TouchDownLiftOffContamination"/>
        </sequence>
    </extension>
</complexContent>
</complexType>
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    <complexContent>
        <extension
base="aixm:AbstractSurfaceContaminationType">
            <sequence>
                <group
ref="aixm:SurfaceContaminationPropertyGroup" />
                <group
ref="aixm:TouchDownLiftOffContaminationPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractSurfaceContaminationExtension" />
                                <element
ref="aixm:AbstractTouchDownLiftOffContaminationExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
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    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType
name="TouchDownLiftOffLightSystemTimeSlice.PropertyType">
    <sequence>
        <element
ref="aixm:TouchDownLiftOffLightSystemTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="TouchDownLiftOffLightSystemTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
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ref="aixm:TouchDownLiftOffLightSystemPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
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```

                <choice>
                    <element
ref="aixm:AbstractTouchDownLiftOffLightSystemExtension"/>
                    <element
ref="aixm:AbstractGroundLightSystemExtension"/>
                </choice>
                <attributeGroup
ref="gml:OwnershipAttributeGroup" />
            </complexType>
        </element>
    </sequence>
</extension>
</complexContent>
</complexType>
<complexType name="TouchDownLiftOffLightSystemType">
    <complexContent>
        <extension
base="aixm:AbstractGroundLightSystemType">
            <sequence>
                <element name="timeSlice"
type="aixm:TouchDownLiftOffLightSystemTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TouchDownLiftOffMarkingPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType
name="TouchDownLiftOffMarkingTimeSlicePropertyType">
    <sequence>
        <element
ref="aixm:TouchDownLiftOffMarkingTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="TouchDownLiftOffMarkingTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group
ref="aixm:TouchDownLiftOffMarkingPropertyGroup" />
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                    <complexType>
                        <choice>
                            <element
ref="aixm:AbstractTouchDownLiftOffMarkingExtension"/>
                            <element
ref="aixm:AbstractMarkingExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                </complexType>
            </sequence>
        </extension>
    </complexContent>
</complexType>

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                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TouchDownLiftOffMarkingType">
    <complexContent>
        <extension base="aixm:AbstractMarkingType">
            <sequence>
                <element name="timeSlice"
type="aixm:TouchDownLiftOffMarkingTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TouchDownLiftOffPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="TouchDownLiftOffSafeAreaPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="TouchDownLiftOffSafeAreaTimeSlicePropertyType">
    <sequence>
        <element
ref="aixm:TouchDownLiftOffSafeAreaTimeSlice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="TouchDownLiftOffSafeAreaTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group
ref="aixm:TouchDownLiftOffSafeAreaPropertyGroup"/>
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                    <complexType>
                        <choice>
                            <element
ref="aixm:AbstractTouchDownLiftOffSafeAreaExtension" />
                            <element
ref="aixm:AbstractAirportHeliportProtectionAreaExtension" />
                        </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="TouchDownLiftOffSafeAreaType">

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<complexContent>
    <extension
base="aixm:AbstractAirportHeliportProtectionAreaType">
    <sequence>
        <element name="timeSlice"
type="aixm:TouchDownLiftOffSafeAreaTimeSlicePropertyType"
maxOccurs="unbounded"/>
    </sequence>
    </extension>
</complexContent>
</complexType>
<complexType name="TouchDownLiftOffTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:TouchDownLiftOffTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="TouchDownLiftOffTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group
ref="aixm:TouchDownLiftOffPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <sequence>
                                <element
ref="aixm:AbstractTouchDownLiftOffExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
    <complexType name="TouchDownLiftOffType">
        <complexContent>
            <extension base="aixm:AbstractAIXMFeatureType">
                <sequence>
                    <element name="timeSlice"
type="aixm:TouchDownLiftOffTimeSlicePropertyType"
maxOccurs="unbounded"/>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
    <complexType name="TrafficSeparationServicePropertyType">
        <attributeGroup ref="gml:OwnershipAttributeGroup"/>
        <attributeGroup ref="gml:AssociationAttributeGroup"/>
    </complexType>
    <complexType name="UnitAvailabilityPropertyType">
        <complexContent>
            <extension base="aixm:AbstractAIXMPropertyType">

```

```

        <sequence>
            <element ref="aixm:UnitAvailability"/>
        </sequence>
    </extension>
</complexContent>
<complexType name="UnitAvailabilityType">
    <complexContent>
        <extension
base="aixm:AbstractPropertiesWithScheduleType">
            <sequence>
                <group
ref="aixm:PropertiesWithSchedulePropertyGroup" />
                <group
ref="aixm:UnitAvailabilityPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractPropertiesWithScheduleExtension" />
                                <element
ref="aixm:AbstractUnitAvailabilityExtension" />
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="UnitDependency.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:UnitDependency" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="UnitDependencyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMObjectType">
            <sequence>
                <group
ref="aixm:UnitDependencyPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <sequence>
                                <sequence>
                                    <element
ref="aixm:AbstractUnitDependencyExtension" />
                                </sequence>
                            </sequence>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="OwnershipAttributeGroup">

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```

                </complexType>
            </element>
        </sequence>
    </extension>
</complexContent>
</complexType>
<complexType name="Unit.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="UnitTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:UnitTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="UnitTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group ref="aixm:UnitPropertyGroup"/>
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                    <complexType>
                        <sequence>
                            <element
ref="aixm:AbstractUnitExtension"/>
                        </sequence>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="UnitType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
                <element name="timeSlice"
type="aixm:UnitTimeSlice.PropertyType" maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="UnplannedHolding.PropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="UnplannedHoldingTimeSlice.PropertyType">
    <sequence>
        <element ref="aixm:UnplannedHoldingTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
```

```

<complexType name="UnplannedHoldingTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group
ref="aixm:UnplannedHoldingPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <sequence>
                                <element
ref="aixm:AbstractUnplannedHoldingExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                            </complexType>
                        </element>
                    </sequence>
                </group>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="UnplannedHoldingType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
                <element name="timeSlice"
type="aixm:UnplannedHoldingTimeSlice.PropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="UsageCondition.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:AbstractUsageCondition"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType
name="VerticalStructureLightingStatus.PropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:VerticalStructureLightingStatus"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="VerticalStructureLightingStatusType">
    <complexContent>

```

```

<extension
base="aixm:AbstractPropertiesWithScheduleType">
    <sequence>
        <group
ref="aixm:PropertiesWithSchedulePropertyGroup"/>
        <group
ref="aixm:VerticalStructureLightingStatusPropertyGroup"/>
            <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                <complexType>
                    <choice>
                        <element
ref="aixm:AbstractPropertiesWithScheduleExtension"/>
                        <element
ref="aixm:AbstractVerticalStructureLightingStatusExtension"/>
                    </choice>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                </complexType>
            </element>
        </sequence>
    </extension>
</complexContent>
</complexType>
<complexType name="VerticalStructurePartPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element
ref="aixm:VerticalStructurePart"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="VerticalStructurePartType">
    <complexContent>
        <extension
base="aixm:AbstractPropertiesWithScheduleType">
            <sequence>
                <group
ref="aixm:PropertiesWithSchedulePropertyGroup"/>
                <group
ref="aixm:VerticalStructurePartPropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractPropertiesWithScheduleExtension"/>
                                <element
ref="aixm:AbstractVerticalStructurePartExtension"/>
                            </choice>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>

```

```

                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="VerticalStructurePropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="VerticalStructureTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:VerticalStructureTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="VerticalStructureTimeSliceType">
    <complexContent>
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            <sequence>
                <group
ref="aixm:VerticalStructurePropertyGroup"/>
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <sequence>
                                <element
ref="aixm:AbstractVerticalStructureExtension"/>
                            </sequence>
                            <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                        </complexType>
                    </element>
                </sequence>
            </extension>
        </complexContent>
    </complexType>
<complexType name="VerticalStructureType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
                <element name="timeSlice"
type="aixm:VerticalStructureTimeSlicePropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="VisualGlideSlopeIndicatorPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType
name="VisualGlideSlopeIndicatorTimeSlicePropertyType">
    <sequence>
        <element
ref="aixm:VisualGlideSlopeIndicatorTimeSlice"/>
    </sequence>

```

```

        <attributeGroup ref="gml:OwnershipAttributeGroup" />
    </complexType>
<complexType name="VisualGlideSlopeIndicatorTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTIMEsliceType">
            <sequence>
                <group
ref="aixm:VisualGlideSlopeIndicatorPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>
                                <element
ref="aixm:AbstractVisualGlideSlopeIndicatorExtension" />
                                <element
ref="aixm:AbstractGroundLightSystemExtension" />
                            </choice>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup" />
                            </complexType>
                        </element>
                    </sequence>
                </extension>
            </complexContent>
        </complexType>
<complexType name="VisualGlideSlopeIndicatorType">
    <complexContent>
        <extension
base="aixm:AbstractGroundLightSystemType">
            <sequence>
                <element name="timeSlice"
type="aixm:VisualGlideSlopeIndicatorTimeSlice.PropertyType"
maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="VORPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
    <attributeGroup ref="gml:AssociationAttributeGroup" />
</complexType>
<complexType name="VORTIMEslice.PropertyType">
    <sequence>
        <element ref="aixm:VORTIMEslice" />
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup" />
</complexType>
<complexType name="VORTIMEsliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTIMEsliceType">
            <sequence>
                <group ref="aixm:VORPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                        <complexType>
                            <choice>

```

```

                                <element
ref="aixm:AbstractVORExtension"/>
                                <element
ref="aixm:AbstractNavaidEquipmentExtension"/>
                                    </choice>
                                    <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                                        </complexType>
                                    </element>
                                </sequence>
                            </extension>
                        </complexContent>
                    </complexType>
<complexType name="VORType">
    <complexContent>
        <extension base="aixm:AbstractNavaidEquipmentType">
            <sequence>
                <element name="timeSlice"
type="aixm:VORTimeSlicePropertyType" maxOccurs="unbounded" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="WorkareaActivityPropertyType">
    <complexContent>
        <extension base="aixm:AbstractAIXMPropertyType">
            <sequence>
                <element ref="aixm:WorkareaActivity"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="WorkareaActivityType">
    <complexContent>
        <extension
base="aixm:AbstractPropertiesWithScheduleType">
            <sequence>
                <group
ref="aixm:PropertiesWithSchedulePropertyGroup" />
                <group
ref="aixm:WorkareaActivityPropertyGroup" />
                    <element name="extension" minOccurs="0"
maxOccurs="unbounded" />
                <complexType>
                    <choice>
                        <element
ref="aixm:AbstractPropertiesWithScheduleExtension" />
                        <element
ref="aixm:AbstractWorkareaActivityExtension" />
                    </choice>
                    <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                </complexType>
            </sequence>
        </extension>
    </complexContent>
</complexType>

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```

        </complexContent>
    </complexType>
<complexType name="WorkAreaPropertyType">
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
    <attributeGroup ref="gml:AssociationAttributeGroup"/>
</complexType>
<complexType name="WorkAreaTimeSlicePropertyType">
    <sequence>
        <element ref="aixm:WorkAreaTimeSlice"/>
    </sequence>
    <attributeGroup ref="gml:OwnershipAttributeGroup"/>
</complexType>
<complexType name="WorkAreaTimeSliceType">
    <complexContent>
        <extension base="aixm:AbstractAIXMTimeSliceType">
            <sequence>
                <group ref="aixm:WorkAreaPropertyGroup"/>
                <element name="extension" minOccurs="0"
maxOccurs="unbounded">
                    <complexType>
                        <sequence>
                            <element
ref="aixm:AbstractWorkAreaExtension"/>
                        </sequence>
                        <attributeGroup
ref="gml:OwnershipAttributeGroup"/>
                    </complexType>
                </element>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="WorkAreaType">
    <complexContent>
        <extension base="aixm:AbstractAIXMFeatureType">
            <sequence>
                <element name="timeSlice"
type="aixm:WorkAreaTimeSlicePropertyType" maxOccurs="unbounded"/>
            </sequence>
        </extension>
    </complexContent>
</complexType>
<group name="AerialRefuellingAnchorPropertyGroup">
    <sequence>
        <element name="outboundCourse"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
        <element name="outboundCourseType"
type="aixm:CodeCourseType" nillable="true" minOccurs="0"/>
        <element name="inboundCourse"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
        <element name="turnDirection"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0"/>
        <element name="speedLimit" type="aixm:ValSpeedType"
nillable="true" minOccurs="0"/>
        <element name="legSeparation"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>

```

```

        <element name="legLength"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="refuellingBaseLevel"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="refuellingBaseLevelReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="extent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="verticalExtent"
type="aixm:AirspaceLayerPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="point"
type="aixm:AerialRefuellingPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AerialRefuellingPointPropertyGroup">
    <sequence>
        <element name="sequence" type="aixm>NoSequenceType"
nillable="true" minOccurs="0"/>
        <element name="usageType"
type="aixm:CodeAerialRefuellingPointType" nillable="true"
minOccurs="0"/>
    </sequence>
</group>
<group name="AerialRefuellingPropertyGroup">
    <sequence>
        <element name="designatorPrefix"
type="aixm:CodeAerialRefuellingPrefixType" nillable="true"
minOccurs="0"/>
        <element name="designatorNumber"
type="aixm>NoNumberType" nillable="true" minOccurs="0"/>
        <element name="designatorSuffix"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
        <element name="designatorDirection"
type="aixm:CodeCardinalDirectionType" nillable="true"
minOccurs="0"/>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="type"
type="aixm:CodeAerialRefuellingType" nillable="true" minOccurs="0"/>
        <element name="radarBeaconSetting"
type="aixm>NoNumberType" nillable="true" minOccurs="0"/>
        <element name="xbandRadarSetting"
type="aixm>NoNumberType" nillable="true" minOccurs="0"/>
        <element name="tankerChannel"
type="aixm:CodeTACANChannelType" nillable="true" minOccurs="0"/>
        <element name="receiverChannel"
type="aixm:CodeTACANChannelType" nillable="true" minOccurs="0"/>
        <element name="helicopterRoute"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>

```

Comment [PE4]: This change has no real impact as maxoccurs="1" is implicit. It just simplifies the schema generation, as in case a specific maximum multiplicity is used, the maxoccurs takes that specific value.

```

        <element name="specialRefuelling"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
            <element name="bidirectionalUse"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                <element name="reverseDirectionTurn"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0" />
                    <element name="availability"
type="aixm:RouteAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                        <element name="protectingAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                            <element name="track"
type="aixm:AerialRefuellingTrackPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                <element name="anchor"
type="aixm:AerialRefuellingAnchorPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                    <element name="oppositeTrack"
type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                        <element name="managingOrganisation"
type="aixm:AuthorityForAerialRefuellingPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                                </sequence>
                                            </group>
                                            <group name="AerialRefuellingTrackPropertyGroup">
                                                <sequence>
                                                    <element name="extent" type="aixm:CurvePropertyType"
nillable="true" minOccurs="0" maxOccurs="1" />
                                                        <element name="point"
type="aixm:AerialRefuellingPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                                            <element name="verticalExtent"
type="aixm:AirspaceLayerPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                                                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                                                </sequence>
                                            </group>
                                            <group name="AeronauticalGroundLightPropertyGroup">
                                                <sequence>
                                                    <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0" />
                                                        <element name="type"
type="aixm:CodeGroundLightingType" nillable="true" minOccurs="0" />
                                                            <element name="colour" type="aixm:CodeColourType"
nillable="true" minOccurs="0" />
                                                                <element name="flashing" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />

```

```

        <element name="structureBeacon"
type="aixm:VerticalStructurePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="aerodromeBeacon"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AircraftCharacteristicPropertyGroup">
    <sequence>
        <element name="type" type="aixm:CodeAircraftType"
nillable="true" minOccurs="0"/>
        <element name="engine"
type="aixm:CodeAircraftEngineType" nillable="true" minOccurs="0"/>
        <element name="numberEngine"
type="aixm:CodeAircraftEngineNumberType" nillable="true"
minOccurs="0"/>
        <element name="typeAircraftICAO"
type="aixm:CodeAircraftICAOType" nillable="true" minOccurs="0"/>
        <element name="aircraftLandingCategory"
type="aixm:CodeAircraftCategoryType" nillable="true" minOccurs="0"/>
        <element name="wingSpan" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="wingSpanInterpretation"
type="aixm:CodeValueInterpretationType" nillable="true"
minOccurs="0"/>
        <element name="classWingSpan"
type="aixm:CodeAircraftWingspanClassType" nillable="true"
minOccurs="0"/>
        <element name="weight" type="aixm:ValWeightType"
nillable="true" minOccurs="0"/>
        <element name="weightInterpretation"
type="aixm:CodeValueInterpretationType" nillable="true"
minOccurs="0"/>
        <element name="passengers" type="aixm:NoNumberType"
nillable="true" minOccurs="0"/>
        <element name="passengersInterpretation"
type="aixm:CodeValueInterpretationType" nillable="true"
minOccurs="0"/>
        <element name="speed" type="aixm:ValSpeedType"
nillable="true" minOccurs="0"/>
        <element name="speedInterpretation"
type="aixm:CodeValueInterpretationType" nillable="true"
minOccurs="0"/>
        <element name="wakeTurbulence"
type="aixm:CodeWakeTurbulenceType" nillable="true" minOccurs="0"/>
        <element name="navigationEquipment"
type="aixm:CodeNavigationEquipmentType" nillable="true"
minOccurs="0"/>

```

```

        <element name="navigationSpecification"
type="aixm:CodeNavigationSpecificationType" nillable="true"
minOccurs="0"/>
            <element name="verticalSeparationCapability"
type="aixm:CodeRVSMTType" nillable="true" minOccurs="0"/>
                <element name="antiCollisionAndSeparationEquipment"
type="aixm:CodeEquipmentAntiCollisionType" nillable="true"
minOccurs="0"/>
                    <element name="communicationEquipment"
type="aixm:CodeCommunicationModeType" nillable="true"
minOccurs="0"/>
                    <element name="surveillanceEquipment"
type="aixm:CodeTransponderType" nillable="true" minOccurs="0"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
        <group name="AircraftGroundServicePropertyGroup">
            <sequence>
                <group ref="aixm:AirportGroundServicePropertyGroup"
minOccurs="0"/>
                    <element name="type"
type="aixm:CodeAircraftGroundServiceType" nillable="true"
minOccurs="0"/>
                </sequence>
            </group>
            <group name="AircraftStandContaminationPropertyGroup">
                <sequence/>
            </group>
            <group name="AircraftStandPropertyGroup">
                <sequence>
                    <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
                    <element name="type"
type="aixm:CodeAircraftStandType" nillable="true" minOccurs="0"/>
                    <element name="visualDockingSystem"
type="aixm:CodeVisualDockingGuidanceType" nillable="true"
minOccurs="0"/>
                    <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                    <element name="apronLocation"
type="aixm:ApronElementPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                    <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="contaminant"
type="aixm:AircraftStandContaminationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                </sequence>
            </group>
        </group>
    </sequence>
</group>

```

```

        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="availability"
type="aixm:ApronAreaAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AirportClearanceServicePropertyGroup">
    <sequence>
        <group ref="aixm:AirportGroundServicePropertyGroup"
minOccurs="0"/>
        <element name="snowPlan"
type="aixm:TextInstructionType" nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="AirportGroundServicePropertyGroup">
    <sequence>
        <group ref="aixm:ServicePropertyGroup"
minOccurs="0"/>
        <element name="airportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AirportHeliportAvailabilityPropertyGroup">
    <sequence>
        <element name="operationalStatus"
type="aixm:CodeStatusAirportType" nillable="true" minOccurs="0"/>
        <element name="warning"
type="aixm:CodeAirportWarningType" nillable="true" minOccurs="0"/>
        <element name="usage"
type="aixm:AirportHeliportUsagePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AirportHeliportCollocationPropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeAirportHeliportCollocationType" nillable="true"
minOccurs="0"/>
        <element name="hostAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>maxOccurs="1"/>

```

```

<sequence>
    <element name="designator"
type="aixm:CodeAirportHeliportDesignatorType" nillable="true"
minOccurs="0"/>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="locationIndicatorICAO"
type="aixm:CodeICAOType" nillable="true" minOccurs="0" />
        <element name="designatorIATA"
type="aixm:CodeIATAType" nillable="true" minOccurs="0" />
        <element name="type"
type="aixm:CodeAirportHeliportType" nillable="true" minOccurs="0" />
        <element name="certifiedICAO"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="privateUse" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
        <element name="controlType"
type="aixm:CodeMilitaryOperationsType" nillable="true"
minOccurs="0"/>
        <element name="fieldElevation"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
            <element name="fieldElevationAccuracy"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                <element name="verticalDatum"
type="aixm:CodeVerticalDatumType" nillable="true" minOccurs="0" />
                    <element name="magneticVariation"
type="aixm:ValMagneticVariationType" nillable="true" minOccurs="0" />
                        <element name="magneticVariationAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0" />
                            <element name="dateMagneticVariation"
type="aixm:DateYearType" nillable="true" minOccurs="0" />
                                <element name="magneticVariationChange"
type="aixm:ValMagneticVariationChangeType" nillable="true"
minOccurs="0" />
                                    <element name="referenceTemperature"
type="aixm:ValTemperatureType" nillable="true" minOccurs="0" />
                                        <element name="altimeterCheckLocation"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                            <element name="secondaryPowerSupply"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                                <element name="windDirectionIndicator"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                                    <element name="landingDirectionIndicator"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                                        <element name="transitionAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                                                            <element name="transitionLevel"
type="aixm:ValFLType" nillable="true" minOccurs="0" />
                                                                <element name="lowestTemperature"
type="aixm:ValTemperatureType" nillable="true" minOccurs="0" />
                                                                    <element name="abandoned" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
                                                                        <element name="certificationDate"
type="aixm:DateType" nillable="true" minOccurs="0" />
                                                                            <element name="certificationExpirationDate"
type="aixm:DateType" nillable="true" minOccurs="0" />

```

```

        <element name="contaminant"
type="aixm:AirportHeliportContaminationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="servedCity"
type="aixm:CityPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="responsibleOrganisation"
type="aixm:AirportHeliportResponsibilityOrganisationPropertyType"
nillable="true" minOccurs="0" maxOccurs="1"/>maxOccurs="1"/>maxOccurs="1"/>maxOccurs="1"/>maxOccurs="1"/>

```

```

        <element name="theOrganisationAuthority"
type="aixm:OrganisationAuthorityPropertyType" minOccurs="0"/>
            </sequence>
        </group>
        <group name="AirportHeliportUsagePropertyGroup">
            <sequence>
                <element name="operation"
type="aixm:CodeOperationAirportHeliportType" nillable="true"
minOccurs="0"/>
            </sequence>
        </group>
        <group name="AirportHotSpotPropertyGroup">
            <sequence>
                <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
                <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0"/>
                <element name="area"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>maxOccurs="1"/>maxOccurs="1"/>

```

```

        </sequence>
    </group>
    <group name="AirspaceActivationPropertyGroup">
        <sequence>
            <element name="activity"
type="aixm:CodeAirspaceActivityType" nillable="true" minOccurs="0"/>
            <element name="status"
type="aixm:CodeStatusAirspaceType" nillable="true" minOccurs="0"/>
            <element name="levels"
type="aixm:AirspaceLayerPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="user"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="aircraft"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="AirspaceBorderCrossingPropertyGroup">
        <sequence>
            <element name="exitedAirspace"
type="aixm:Airspace.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="enteredAirspace"
type="aixm:Airspace.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="AirspaceGeometryComponentPropertyGroup">
        <sequence>
            <element name="operation"
type="aixm:CodeAirspaceAggregationType" nillable="true"
minOccurs="0"/>
            <element name="operationSequence"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="theAirspaceVolume"
type="aixm:AirspaceVolume.PropertyType" nillable="true" |
minOccurs="0"/>
        </sequence>
    </group>
    <group name="AirspaceLayerClassPropertyGroup">
        <sequence>
            <element name="classification"
type="aixm:CodeAirspaceClassificationType" nillable="true"
minOccurs="0"/>
            <element name="associatedLevels"
type="aixm:AirspaceLayer.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>

```

Comment [PES]: Approved with
change proposal AIXM-145

```

        </group>
    <group name="AirspaceLayerPropertyGroup">
        <sequence>
            <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
                    <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                        <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
                            <element name="altitudeInterpretation"
type="aixm:CodeAltitudeUseType" nillable="true" minOccurs="0" />
                                <element name="discreteLevelSeries"
type="aixm:StandardLevelColumnPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                    <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                        </sequence>
                                    </group>
                                <group name="AirspacePropertyGroup">
                                    <sequence>
                                        <element name="type" type="aixm:CodeAirspaceType"
nillable="true" minOccurs="0" />
                                            <element name="designator"
type="aixm:CodeAirspaceDesignatorType" nillable="true"
minOccurs="0" />
                                                <element name="localType" type="aixm:TextNameType"
nillable="true" minOccurs="0" />
                                                    <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0" />
                                                        <element name="designatorICAO"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                                            <element name="controlType"
type="aixm:CodeMilitaryOperationsType" nillable="true"
minOccurs="0" />
                                                                <element name="upperLowerSeparation"
type="aixm:ValFLType" nillable="true" minOccurs="0" />
                                                                    <element name="class"
type="aixm:AirspaceLayerClassPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                                                        <element name="protectedRoute"
type="aixm:Route.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                                                                            <element name="geometryComponent"
type="aixm:AirspaceGeometryComponent.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                                                                <element name="activation"
type="aixm:AirspaceActivation.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                                                                    <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />

```

```

        </sequence>
    </group>
<group name="AirspaceVolumeDependencyPropertyGroup">
    <sequence>
        <element name="dependency"
type="aixm:CodeAirspaceDependencyType" nillable="true"
minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="theAirspace"
type="aixm:AirspacePropertyType" minOccurs="0"/>
    </sequence>
</group>
<group name="AirspaceVolumePropertyGroup">
    <sequence>
        <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="maximumLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="maximumLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="minimumLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="minimumLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="horizontalProjection"
type="aixm:Surface.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="centreline"
type="aixm:Curve.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="contributorAirspace"
type="aixm:AirspaceVolumeDependency.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AirTrafficControlServicePropertyGroup">
    <sequence>
        <group
ref="aixm:TrafficSeparationService.PropertyType" minOccurs="0"/>

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```
        <element name="type" type="aixm:CodeServiceATCType"
nillable="true" minOccurs="0"/>
        <element name="clientAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="clientAirspace"
type="aixm:AirscapePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="clientRoute"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="clientProcedure"
type="aixm:ProcedurePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="clientHolding"
type="aixm:HoldingPatternPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="clientAerialRefuelling"
type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="aircraftLocator"
type="aixm:DirectionFinderPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
    </sequence>
</group>
<group name="AirTrafficManagementServicePropertyGroup">
    <sequence>
        <group ref="aixm:ServicePropertyGroup"
minOccurs="0"/>
        <element name="type" type="aixm:CodeServiceATFMTYPE"
nillable="true" minOccurs="0"/>
        <element name="clientAirscape"
type="aixm:AirscapePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="clientAerialRefuelling"
type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="clientRoute"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="AltimeterSourcePropertyGroup">
    <sequence>
        <element name="isRemote" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="isPrimary" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="availability"
type="aixm:AltimeterSourceStatusPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
```

```

<group name="AltimeterSourceStatusPropertyGroup">
    <sequence>
        <element name="operationalStatus"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0" />
    </sequence>
</group>
<group name="AltitudeAdjustmentPropertyGroup">
    <sequence>
        <element name="altitudeAdjustmentType"
type="aixm:CodeAltitudeAdjustmentType" nillable="true"
minOccurs="0" />
        <element name="primaryAlternateMinimum"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="altitudeAdjustment"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
        <element name="localRemoteCode"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
    </sequence>
</group>
<group name="AngleIndicationPropertyGroup">
    <sequence>
        <element name="angle" type="aixm:ValBearingType"
nillable="true" minOccurs="0" />
        <element name="angleType"
type="aixm:CodeBearingType" nillable="true" minOccurs="0" />
        <element name="indicationDirection"
type="aixm:CodeDirectionReferenceType" nillable="true"
minOccurs="0" />
        <element name="trueAngle" type="aixm:ValBearingType"
nillable="true" minOccurs="0" />
        <element name="cardinalDirection"
type="aixm:CodeCardinalDirectionType" nillable="true"
minOccurs="0" />
        <element name="minimumReceptionAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
        <element name="fix"
type="aixm:DesignatedPoint.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
    <choice>
        <element name="pointChoice_fixDesignatedPoint"
type="aixm:DesignatedPoint.PropertyType" nillable="true"
minOccurs="0" />
        <element name="pointChoice_navaidSystem"
type="aixm:Navaid.PropertyType" nillable="true" minOccurs="0" />
        <element name="pointChoice_position"
type="aixm:Point.PropertyType" nillable="true" minOccurs="0" />
        <element name="pointChoice_aimingPoint"
type="aixm:TouchDownLiftOff.PropertyType" nillable="true"
minOccurs="0" />
        <element name="pointChoice_runwayPoint"
type="aixm:RunwayCentrelinePoint.PropertyType" nillable="true"
minOccurs="0" />
    
```

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        <element name="pointChoice_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" />
        <element
name="pointChoice_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" />
        <element name="pointChoice_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
    </choice>
    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
</sequence>
</group>
<group name="AngleUsePropertyGroup">
<sequence>
    <element name="alongCourseGuidance"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
    <element name="theAngleIndication"
type="aixm:AngleIndicationPropertyType" minOccurs="0" />
</sequence>
</group>
<group name="ApproachAltitudeTablePropertyGroup">
<sequence>
    <element name="measurementPoint"
type="aixm:CodeProcedureDistanceType" nillable="true"
minOccurs="0" />
    <element name="altitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
    <element name="altitudeReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
</sequence>
</group>
<group name="ApproachConditionPropertyGroup">
<sequence>
    <element name="finalApproachPath"
type="aixm:CodeMinimaFinalApproachPathType" nillable="true"
minOccurs="0" />
    <element name="requiredNavigationPerformance"
type="aixm:CodeRNPType" nillable="true" minOccurs="0" />
    <element name="climbGradient"
type="aixm:ValSlopeType" nillable="true" minOccurs="0" />
    <element name="minimumSet"
type="aixm:MinimaPropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
    <element name="circlingRestriction"
type="aixm:CirclingRestrictionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />

```

Comment [PE6]: No real change as the elements appear inside a <choice>, their order does not matter.

```

        <element name="aircraftCategory"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="landingArea"
type="aixm:LandingTakeoffAreaCollectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="altimeter"
type="aixm:AltimeterSourcePropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                    <element name="designSurface"
type="aixm:ObstacleAssessmentAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                            </sequence>
                    </group>
                <group name="ApproachDistanceTablePropertyGroup">
                    <sequence>
                        <element name="startingMeasurementPoint"
type="aixm:CodeProcedureDistanceType" nillable="true"
minOccurs="0"/>
                            <element name="valueHAT"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                                <element name="endingMeasurementPoint"
type="aixm:CodeProcedureDistanceType" nillable="true"
minOccurs="0"/>
                                    <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0" />
                                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                            </sequence>
                    </group>
                <group name="ApproachLegPropertyGroup">
                    <sequence>
                        <group ref="aixm:SegmentLegPropertyGroup"
minOccurs="0" />
                            <element name="approach"
type="aixm:InstrumentApproachProcedurePropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                </sequence>
                    </group>
                <group name="ApproachLightingSystemPropertyGroup">
                    <sequence>
                        <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0" />
                            <element name="classICAO"
type="aixm:CodeApproachLightingICAOType" nillable="true"
minOccurs="0" />
                                <element name="type"
type="aixm:CodeApproachLightingType" nillable="true" minOccurs="0" />
                                    <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0" />
                                        <element name="sequencedFlashing"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />

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```

        <element name="alignmentIndicator"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
            <element name="servedRunwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
        </sequence>
    </group>
    <group name="ApproachTimingTablePropertyGroup">
        <sequence>
            <element name="startingMeasurementPoint"
type="aixm:CodeProcedureDistanceType" nillable="true"
minOccurs="0" />
                <element name="endingMeasurementPoint"
type="aixm:CodeProcedureDistanceType" nillable="true"
minOccurs="0" />
                    <element name="time" type="aixm:ValDurationType"
nillable="true" minOccurs="0" />
                    <element name="speed" type="aixm:ValSpeedType"
nillable="true" minOccurs="0" />
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                </sequence>
            </group>
            <group name="ApronAreaAvailabilityPropertyGroup">
                <sequence>
                    <element name="operationalStatus"
type="aixm:CodeStatusAirportType" nillable="true" minOccurs="0" />
                    <element name="warning"
type="aixm:CodeAirportWarningType" nillable="true" minOccurs="0" />
                    <element name="usage"
type="aixm:ApronAreaUsagePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                </sequence>
            </group>
            <group name="ApronAreaUsagePropertyGroup">
                <sequence/>
            </group>
            <group name="ApronContaminationPropertyGroup">
                <sequence/>
            </group>
            <group name="ApronElementPropertyGroup">
                <sequence>
                    <element name="type"
type="aixm:CodeApronElementType" nillable="true" minOccurs="0" />
                    <element name="jetwayAvailability"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                    <element name="towingAvailability"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                    <element name="dockingAvailability"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                    <element name="groundPowerAvailability"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                    <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0" />
                </sequence>
            </group>
        </sequence>
    </group>

```

```

        <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="associatedApron"
type="aixm:ApronPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
            <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                    <element name="supplyService"
type="aixm:AirportSuppliesServicePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="availability"
type="aixm:ApronAreaAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                </sequence>
            </group>
            <group name="ApronLightSystemPropertyGroup">
                <sequence>
                    <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0"/>
                    <element name="position"
type="aixm:CodeApronSectionType" nillable="true" minOccurs="0"/>
                    <element name="lightedApron"
type="aixm:ApronPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                </sequence>
            </group>
            <group name="ApronMarkingPropertyGroup">
                <sequence>
                    <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
                    <element name="markingLocation"
type="aixm:CodeApronSectionType" nillable="true" minOccurs="0"/>
                    <element name="markedApron"
type="aixm:ApronPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                </sequence>
            </group>
            <group name="ApronPropertyGroup">
                <sequence>
                    <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
                    <element name="abandoned" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                    <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                    <element name="associatedAirportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                </sequence>
            </group>
        </sequence>
    </group>

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```

        <element name="contaminant"
type="aixm:ApronContaminationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="availability"
type="aixm:ApronAreaAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
        </group>
<group name="ArrestingGearPropertyGroup">
    <sequence>
        <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0"/>
            <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                <element name="engageDevice"
type="aixm:CodeArrestingGearEngageDeviceType" nillable="true"
minOccurs="0"/>
                    <element name="absorbType"
type="aixm:CodeArrestingGearEnergyAbsorbType" nillable="true"
minOccurs="0"/>
                        <element name="bidirectional"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                            <element name="location" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                            <element name="runwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/><element name="extent_curveExtent"
type="aixm:ElevatedCurvePropertyType" nillable="true"
minOccurs="0"/>
<element name="extent_surfaceExtent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0"/>
<element name="extent_pointExtent"
type="aixm:ElevatedPointPropertyType" nillable="true"
minOccurs="0"/>
                            </choice>
                            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        </sequence>
                    </group>
<group name="ArrivalFeederLegPropertyGroup">
    <sequence>

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```

        <group ref="aixm:ApproachLegPropertyGroup"
minOccurs="0" />
            <element name="requiredNavigationPerformance"
type="aixm:CodeRNPType" nillable="true" minOccurs="0" />
        </sequence>
    </group>
    <group name="ArrivalLegPropertyGroup">
        <sequence>
            <group ref="aixm:SegmentLegPropertyGroup"
minOccurs="0" />
                <element name="requiredNavigationPerformance"
type="aixm:CodeRNPType" nillable="true" minOccurs="0" />
                <element name="arrival"
type="aixm:StandardInstrumentArrivalPropertyType" nillable="true"
| minOccurs="0" maxOccurs="1" />
            </sequence>
        </group>
        <group name="AuthorityForAerialRefuellingPropertyGroup">
            <sequence>
                <element name="type" type="aixm:CodeAuthorityType"
nillable="true" minOccurs="0" />
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                <element name="theOrganisationAuthority"
type="aixm:OrganisationAuthorityPropertyType" minOccurs="0" />
            </sequence>
        </group>
        <group name="AuthorityForAirspacePropertyGroup">
            <sequence>
                <element name="type" type="aixm:CodeAuthorityType"
nillable="true" minOccurs="0" />
                <element name="responsibleOrganisation"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
| minOccurs="0" maxOccurs="1" />
                <element name="assignedAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
            </sequence>
        </group>
        <group name="AuthorityForNavaidEquipmentPropertyGroup">
            <sequence>
                <element name="type"
type="aixm:CodeAuthorityRoleType" nillable="true" minOccurs="0" />
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                <element name="theOrganisationAuthority"
type="aixm:OrganisationAuthorityPropertyType" minOccurs="0" />
            </sequence>
        </group>
        <group
name="AuthorityForSpecialNavigationStationPropertyGroup">

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        <sequence>
            <element name="type"
type="aixm:CodeAuthorityRoleType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="theOrganisationAuthority"
type="aixm:OrganisationAuthorityPropertyType" minOccurs="0"/>
            </sequence>
        </group>
    <group
name="AuthorityForSpecialNavigationSystemPropertyGroup">
        <sequence>
            <element name="type"
type="aixm:CodeAuthorityRoleType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="theOrganisationAuthority"
type="aixm:OrganisationAuthorityPropertyType" minOccurs="0"/>
            </sequence>
        </group>
        <group name="AzimuthPropertyGroup">
            <sequence>
                <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
                    <element name="type" type="aixm:CodeMLSAzimuthType"
nillable="true" minOccurs="0"/>
                    <element name="trueBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                    <element name="trueBearingAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                    <element name="magneticBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                    <element name="angleProportionalLeft"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                    <element name="angleProportionalRight"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                    <element name="angleCoverLeft"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                    <element name="angleCoverRight"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                    <element name="channel"
type="aixm:CodeMLSChannelType" nillable="true" minOccurs="0"/>
                </sequence>
            </group>
            <group name="CallsignDetailPropertyGroup">
                <sequence>
                    <element name="callSign" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
                    <element name="language"
type="aixm:CodeLanguageType" nillable="true" minOccurs="0"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
        </group>
    </group>

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</group>
<group name="ChangeOverPointPropertyGroup">
    <sequence>
        <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <choice>
            <element name="location_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="location_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
            <element name="location_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <!--element name="location_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"-->
            <element name="location_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
            <!--element name="location_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"-->
            <element name="location_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
            <!--element name="location_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"-->
        </choice>
        <element name="applicableRoutePortion"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="CheckpointINSPropertyGroup">
    <sequence>
        <group
ref="aixm:NavigationSystemCheckpointPropertyGroup" minOccurs="0"/>
        </sequence>
    </group>
    <group name="CheckpointVORPropertyGroup">
        <sequence>
            <group
ref="aixm:NavigationSystemCheckpointPropertyGroup" minOccurs="0"/>
            <element name="checkPointFacility"
type="aixm:VORPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        </sequence>
    </group>
    <group name="CircleSectorPropertyGroup">
        <sequence>
            <element name="arcDirection"
type="aixm:CodeArcDirectionType" nillable="true" minOccurs="0"/>

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        <element name="fromAngle" type="aixm:ValBearingType"
nillable="true" minOccurs="0"/>
        <element name="toAngle" type="aixm:ValBearingType"
nillable="true" minOccurs="0"/>
        <element name="angleType"
type="aixm:CodeBearingType" nillable="true" minOccurs="0"/>
        <element name="angleDirectionReference"
type="aixm:CodeDirectionReferenceType" nillable="true"
minOccurs="0"/>
        <element name="innerDistance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="outerDistance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="CirclingAreaPropertyGroup">
    <sequence>
        <element name="extent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="approach"
type="aixm:InstrumentApproachProcedurePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="condition"
type="aixm:ApproachConditionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="aircraftCategory"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="designSurface"
type="aixm:ObstacleAssessmentAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="CirclingRestrictionPropertyGroup">
    <sequence>
        <element name="sectorDescription"
type="aixm:CircleSectorPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>

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        <element name="restrictionArea"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
    </sequence>
</group>
<group name="CityPropertyGroup">
    <sequence>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="ConditionCombinationPropertyGroup">
    <sequence>
        <element name="logicalOperator"
type="aixm:CodeLogicalOperatorType" nillable="true" minOccurs="0"/>
        <element name="weather"
type="aixm:MeteorologyPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="aircraft"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="flight"
type="aixm:FlightCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="subCondition"
type="aixm:ConditionCombinationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="ContactInformationPropertyGroup">
    <sequence>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="title" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="address"
type="aixm:PostalAddressPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="networkNode"
type="aixm:OnlineContactPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="phoneFax"
type="aixm:TelephoneContactPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="CurvePropertyGroup">
    <sequence>
        <element name="horizontalAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>

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        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="DeicingAreaMarkingPropertyGroup">
            <sequence>
                <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
                    <element name="markedDeicingArea"
type="aixm:DeicingAreaPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                </sequence>
            </group>
            <group name="DeicingAreaPropertyGroup">
                <sequence>
                    <element name="associatedApron"
type="aixm:ApronPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                        <element name="taxiwayLocation"
type="aixm:TaxiwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                            <element name="standLocation"
type="aixm:AircraftStandPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                                <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                                    <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                            <element name="availability"
type="aixm:ApronAreaAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                        </sequence>
                                    </group>
                                    <group name="DepartureArrivalConditionPropertyGroup">
                                        <sequence>
                                            <element name="minimumEnrouteAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                <element name="minimumCrossingAtEnd"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                    <element name="minimumCrossingAtEndReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                                                        <element name="maximumCrossingAtEnd"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                            <element name="maximumCrossingAtEndReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                                                                <element name="engineType"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="1">

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        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="DepartureLegPropertyGroup">
    <sequence>
        <group ref="aixm:SegmentLegPropertyGroup"
minOccurs="0"/>
            <element name="requiredNavigationPerformance"
type="aixm:CodeRNPTYPE" nillable="true" minOccurs="0"/>
            <element name="minimumObstacleClearanceAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
            <element name="departure"
type="aixm:StandardInstrumentDeparturePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="condition"
type="aixm:DepartureArrivalConditionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="DesignatedPointPropertyGroup">
            <sequence>
                <element name="designator"
type="aixm:CodeDesignatedPointDesignatorType" nillable="true"
minOccurs="0"/>
                    <element name="type"
type="aixm:CodeDesignatedPointType" nillable="true" minOccurs="0"/>
                    <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
                    <element name="location"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                        <element name="aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                            <element name="airportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                                <element name="runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                </sequence>
                            </group>
                            <group name="DirectFlightClassPropertyGroup">
                                <sequence>
                                    <element name="exceedLength"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                </sequence>
                            </group>
                            <group name="DirectFlightPropertyGroup">
                                <sequence>

```

```

        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="DirectFlightSegmentPropertyGroup">
    <sequence>
        <choice>
            <element name="end_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
            <element name="end_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <element name="end_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
        </choice>
        <choice>
            <element name="start_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="start_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
            <element name="start_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <element name="start_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="start_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="start_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="start_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
            <element name="start_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
        </choice>
    </sequence>
</group>
<group name="DirectionFinderPropertyGroup">

```

```

        <sequence>
            <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0">
                <element name="doppler" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                <element name="informationProvision"
type="aixm:InformationServicePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="DistanceIndicationPropertyGroup">
            <sequence>
                <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                <element name="minimumReceptionAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                <element name="type"
type="aixm:CodeDistanceIndicationType" nillable="true"
minOccurs="0"/>
                <element name="fix"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <choice>
                    <element name="pointChoice_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
                    <element name="pointChoice_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
<element name="pointChoice_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
<element name="pointChoice_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
<element name="pointChoice_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
<element name="pointChoice_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
                    <element
name="pointChoice_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
<element name="pointChoice_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
                </choice>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="DMEPropertyGroup">
            <sequence>
                <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>

```

```

        <element name="type" type="aixm:CodeDMEType"
nillable="true" minOccurs="0"/>
        <element name="channel"
type="aixm:CodeDMEChannelType" nillable="true" minOccurs="0"/>
        <element name="ghostFrequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
        <element name="displace" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="ElevatedCurvePropertyGroup">
    <sequence>
        <element name="elevation"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="geoidUndulation"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0"/>
        <element name="verticalDatum"
type="aixm:CodeVerticalDatumType" nillable="true" minOccurs="0"/>
        <element name="verticalAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="ElevatedPointPropertyGroup">
    <sequence>
        <element name="elevation"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="geoidUndulation"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0"/>
        <element name="verticalDatum"
type="aixm:CodeVerticalDatumType" nillable="true" minOccurs="0"/>
        <element name="verticalAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="ElevatedSurfacePropertyGroup">
    <sequence>
        <element name="elevation"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="geoidUndulation"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0"/>
        <element name="verticalDatum"
type="aixm:CodeVerticalDatumType" nillable="true" minOccurs="0"/>
        <element name="verticalAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="ElevationPropertyGroup">
    <sequence>
        <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
        <element name="angleNominal"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
        <element name="angleMinimum"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
        <element name="angleSpan" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
    </sequence>

```

```

        <element name="angleAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0" />
            </sequence>
        </group>
        <group name="EnRouteSegmentPointPropertyGroup">
            <sequence>
                <element name="roleFreeFlight"
type="aixm:CodeFreeFlightType" nillable="true" minOccurs="0" />
                <element name="roleRVSM"
type="aixm:CodeRVSPointRoleType" nillable="true" minOccurs="0" />
                <element name="turnRadius"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                <element name="roleMilitaryTraining"
type="aixm:CodeMilitaryRoutePointType" nillable="true"
minOccurs="0" />
            </sequence>
        </group>
        <group
name="EquipmentUnavailableAdjustmentColumnPropertyGroup">
            <sequence>
                <element name="guidanceEquipment"
type="aixm:CodeApproachType" nillable="true" minOccurs="0" />
                <element name="landingSystemLights"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                <element name="equipmentRVR"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                <element name="visibilityAdjustment"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                <element name="approachLightingInoperative"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
            </sequence>
        </group>
        <group name="EquipmentUnavailableAdjustmentPropertyGroup">
            <sequence>
                <element name="type"
type="aixm:CodeEquipmentUnavailableType" nillable="true"
minOccurs="0" />
                <element name="approachLightingInoperative"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                <element name="adjustmentINOPCol"
type="aixm:EquipmentUnavailableAdjustmentColumn.PropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded" />
                <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
            </sequence>
        </group>
        <group name="FASDataBlockPropertyGroup">
            <sequence>
                <element name="horizontalAlarmLimit"
type="aixm:ValAlarmLimitType" nillable="true" minOccurs="0" />
                <element name="verticalAlarmLimit"
type="aixm:ValAlarmLimitType" nillable="true" minOccurs="0" />

```

```

        <element name="thresholdCourseWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="lengthOffset"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="CRCRemainder" type="aixm:ValHexType"
nillable="true" minOccurs="0"/>
        <element name="operationType"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
        <element name="serviceProviderSBAS"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
        <element name="approachPerformanceDesignator"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
        <element name="routeIndicator"
type="aixm:AlphaTypeCodeRouteIndicatorType" nillable="true"
minOccurs="0"/>
            <element name="referencePathDataSelector"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
            <element name="referencePathIdentifier"
type="aixm:AlphanumericTypeCodeReferencePathIdentifierType" nillable="true"
minOccurs="0"/>
            <element name="codeICAO"
type="aixm:AlphanumericTypeCodeICAOCountryType" nillable="true"
minOccurs="0"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    </sequence>
                </group>
            <group name="FinalLegPropertyGroup">
                <sequence>
                    <group ref="aixm:ApproachLegPropertyGroup"
minOccurs="0"/>
                        <element name="guidanceSystem"
type="aixm:CodeFinalGuidanceType" nillable="true" minOccurs="0"/>
                        <element name="landingSystemCategory"
type="aixm:CodeApproachGuidanceType" nillable="true" minOccurs="0"/>
                            <element name="minimumBaroVnavTemperature"
type="aixm:ValTemperatureType" nillable="true" minOccurs="0"/>
                            <element name="rnpDMEAuthorized"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                <element name="courseOffsetAngle"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                                    <element name="courseOffsetSide"
type="aixm:CodeSideType" nillable="true" minOccurs="0"/>
                                        <element name="courseCentrelineDistance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                        <element name="courseOffsetDistance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                            <element name="courseCentrelineIntersect"
type="aixm:CodeRelativePositionType" nillable="true" minOccurs="0"/>
                                                <element name="condition"
type="aixm:ApproachConditionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                                    <choice>
                                                        <element
name="finalPathAlignmentPoint_fixDesignatedPoint"

```

Comment [PE7]: Change approved with AIXM-146

Comment [PE8]: Change approved with AIXM-146

Comment [PE9]: Change approved with AIXM-146

```

type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
    <element
name="finalPathAlignmentPoint_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
        <element
name="finalPathAlignmentPoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <element
name="finalPathAlignmentPoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
        <element
name="finalPathAlignmentPoint_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
        <element
name="finalPathAlignmentPoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
        <element
name="finalPathAlignmentPoint_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
        <element
name="finalPathAlignmentPoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
    </choice>
    <element name="visualDescentPoint"
type="aixm:TerminalSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="FASData"
type="aixm:FASDataBlockPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
    </sequence>
</group>
<group name="FinalProfilePropertyGroup">
    <sequence>
        <element name="altitude"
type="aixm:ApproachAltitudeTablePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="distance"
type="aixm:ApproachDistanceTablePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="timing"
type="aixm:ApproachTimingTablePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="FireFightingServicePropertyGroup">
    <sequence>
        <group ref="aixm:AirportGroundServicePropertyGroup"
minOccurs="0"/>

```

```

        <element name="category"
type="aixm:CodeFireFightingType" nillable="true" minOccurs="0"/>
            <element name="standard"
type="aixm:CodeAviationStandardsType" nillable="true"
minOccurs="0"/>
        </sequence>
    </group>
    <group name="FlightCharacteristicPropertyGroup">
        <sequence>
            <element name="type" type="aixm:CodeFlightType"
nillable="true" minOccurs="0"/>
            <element name="rule" type="aixm:CodeFlightRuleType"
nillable="true" minOccurs="0"/>
            <element name="status"
type="aixm:CodeFlightStatusType" nillable="true" minOccurs="0"/>
            <element name="military"
type="aixm:CodeMilitaryStatusType" nillable="true" minOccurs="0"/>
            <element name="origin"
type="aixm:CodeFlightOriginType" nillable="true" minOccurs="0"/>
            <element name="purpose"
type="aixm:CodeFlightPurposeType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="FlightConditionCircumstancePropertyGroup">
        <sequence>
            <element name="referenceLocation"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="relationWithLocation"
type="aixm:CodeLocationQualifierType" nillable="true"
minOccurs="0"/>
            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="FlightConditionCombinationPropertyGroup">
        <sequence>
            <element name="logicalOperator"
type="aixm:CodeFlowConditionOperationType" nillable="true"
minOccurs="0"/>
            <element name="element"
type="aixm:FlightConditionElement.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="FlightConditionElementPropertyGroup">
        <sequence>
            <element name="index" type="aixm>NoSequenceType"
nillable="true" minOccurs="0"/>
            <choice>
                <element name="flightCondition_weather"
type="aixm:Meteorology.PropertyType" nillable="true" minOccurs="0"/>

```

```
<element name="flightCondition_aircraft"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0"/>
<element name="flightCondition_flight"
type="aixm:FlightCharacteristicPropertyType" nillable="true"
minOccurs="0"/>
<element
name="flightCondition_directFlightCondition"
type="aixm:DirectFlightPropertyType" nillable="true" minOccurs="0"/>
<element
name="flightCondition_borderCrossingCondition"
type="aixm:AirspaceBorderCrossingPropertyType" nillable="true"
minOccurs="0"/>
<element name="flightCondition_operand"
type="aixm:FlightConditionCombinationPropertyType" nillable="true"
minOccurs="0"/>
<element
name="flightCondition_routePortionCondition"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"/>
<element
name="flightCondition_airportHeliportCondition"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
<element
name="flightCondition_standardInstrumentDepartureCondition"
type="aixm:StandardInstrumentDeparturePropertyType" nillable="true"
minOccurs="0"/>
<element
name="flightCondition_standardInstrumentArrivalCondition"
type="aixm:StandardInstrumentArrivalPropertyType" nillable="true"
minOccurs="0"/>
<element
name="flightCondition_routePortionCondition"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"/>
<element
name="flightCondition_organisationCondition"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0"/>
<choice>
<element
name="significantPointCondition_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
<element
name="significantPointCondition_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
<element
name="significantPointCondition_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
<element
name="significantPointCondition_landingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
<element
name="significantPointCondition_runwayPoint"
```

```

type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0" />
    <element
name="significantPointCondition_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" />
    <element
name="significantPointCondition_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" />
    <element
name="significantPointCondition_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
        </choice>
    <element
name="flightCondition_airspaceCondition"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0" />
    <element
name="flightCondition_airportHeliportCondition"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" />
    <element
name="flightCondition_directFlightCondition"
type="aixm:DirectFlightPropertyType" nillable="true" minOccurs="0"/>
        <element name="flightCondition_aircraft"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" />
    <element
name="flightCondition_borderCrossingCondition"
type="aixm:AirspaceBorderCrossingPropertyType" nillable="true"
minOccurs="0" />
    <element
name="flightCondition_airspaceCondition"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"/>
        <element name="flightCondition_flight"
type="aixm:FlightCharacteristicPropertyType" nillable="true"
minOccurs="0" />
    <element
name="flightCondition_standardInstrumentArrivalCondition"
type="aixm:StandardInstrumentArrivalPropertyType" nillable="true"
minOccurs="0" />
        <element name="flightCondition_operand"
type="aixm:FlightConditionCombinationPropertyType" nillable="true"
minOccurs="0" />
        <element name="flightCondition_weather"
type="aixm:MeteorologyPropertyType" nillable="true" minOccurs="0" />
    <element
name="flightCondition_aerialRefuellingCondition"
type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0" />
</choice>
<element name="operationalCondition"
type="aixm:FlightConditionCircumstancePropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />

```

```

        <element name="flightLevel"
type="aixm:FlightRestrictionLevelPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="FlightRestrictionLevelPropertyGroup">
        <sequence>
            <element name="upperLevel"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                <element name="upperLevelReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
            <element name="lowerLevel"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                <element name="lowerLevelReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="FlightRestrictionPropertyGroup">
        <sequence>
            <element name="designator"
type="aixm:CodeFlightRestrictionDesignatorType" nillable="true"
minOccurs="0" />
                <element name="type"
type="aixm:CodeFlightRestrictionType" nillable="true"
minOccurs="0" />
                <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0" />
                    <element name="flight"
type="aixm:FlightConditionCombinationPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                        <element name="regulatedRoute"
type="aixm:FlightRestrictionRoutePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        </sequence>
                    </group>
                    <group name="FlightRestrictionRoutePropertyGroup">
                        <sequence>
                            <element name="priorPermission"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                            <element name="routeElement"
type="aixm:FlightRoutingElementPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                <element name="contact"
type="aixm>ContactInformationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>

```

```

<element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="FlightRoutingElementPropertyGroup">
    <sequence>
        <element name="orderNumber"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
            <element name="speed" type="aixm:ValSpeedType"
nillable="true" minOccurs="0"/>
                <element name="speedReference"
type="aixm:CodeSpeedReferenceType" nillable="true" minOccurs="0"/>
                    <element name="speedCriteria"
type="aixm:CodeComparisonType" nillable="true" minOccurs="0"/>
                        <element name="flightLevel"
type="aixm:FlightRestrictionLevelPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                            <choice>
                                <element name="element_directFlightElement"
type="aixm:DirectFlightSegmentPropertyType" nillable="true"
minOccurs="0"/>
                                <element name="element_routePortionElement"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"/>
                                <element
name="element_standardInstrumentDepartureElement"
type="aixm:StandardInstrumentDeparturePropertyType" nillable="true"
minOccurs="0"/>
                                <element
name="element_standardInstrumentArrivalElement"
type="aixm:StandardInstrumentArrivalPropertyType" nillable="true"
minOccurs="0"/>
                                <element name="element_airspaceElement"
type="aixm:AirspherePropertyType" nillable="true" minOccurs="0"/>
                            <choice>
                                <element
name="pointElement_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
                                    <element name="pointElement_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
                                    <element name="pointElement_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
                                    <element name="pointElement_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
                                <element name="pointElement_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
                                    <element name="pointElement_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
                                <element
name="pointElement_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>

```

```

            <element name="pointElement_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
        </choice>
        <element name="element_airspaceElement"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"/>
            <element name="element_directFlightElement"
type="aixm:DirectFlightSegmentPropertyType" nillable="true"
minOccurs="0"/>
        <element
name="element_standardInstrumentDepartureElement"
type="aixm:StandardInstrumentDeparturePropertyType" nillable="true"
minOccurs="0"/>
            <element name="element_routePortionElement"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"/>
                <element name="element_airportHeliportElement"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
            <element
name="element_aerialRefuellingElement"
type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0"/>
        </choice>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="FloatingDockSitePropertyGroup">
    <sequence>
        <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"maxOccurs="1"

```

```

        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="GlidepathPropertyGroup">
            <sequence>
                <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
                    <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
                    <element name="slope" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
                    <element name="angleAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0" />
                    <element name="rdh"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                    <element name="rdhAccuracy"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                </sequence>
            </group>
            <group name="GroundLightingAvailabilityPropertyGroup">
                <sequence>
                    <element name="operationalStatus"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0" />
                </sequence>
            </group>
            <group name="GroundLightSystemPropertyGroup">
                <sequence>
                    <element name="emergencyLighting"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                    <element name="intensityLevel"
type="aixm:CodeLightIntensityType" nillable="true" minOccurs="0" />
                    <element name="colour" type="aixm:CodeColourType"
nillable="true" minOccurs="0" />
                    <element name="element"
type="aixm:LightElementPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="availability"
type="aixm:GroundLightingAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
            <group name="GroundTrafficControlServicePropertyGroup">
                <sequence>
                    <group
ref="aixm:TrafficSeparationServicePropertyGroup" minOccurs="0" />
                    <element name="type"
type="aixm:CodeServiceGroundControlType" nillable="true"
minOccurs="0" />
                    <element name="clientAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />

```

```

        </sequence>
    </group>
<group name="GuidanceLineLightSystemPropertyGroup">
    <sequence>
        <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0"/>
            <element name="lightedGuidanceLine"
type="aixm:GuidanceLinePropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
        </sequence>
    </group>
<group name="GuidanceLineMarkingPropertyGroup">
    <sequence>
        <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
            <element name="markedGuidanceLine"
type="aixm:GuidanceLinePropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
        </sequence>
    </group>
<group name="GuidanceLinePropertyGroup">
    <sequence>
        <element name="designator" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="type"
type="aixm:CodeGuidanceLineType" nillable="true" minOccurs="0"/>
            <element name="maxSpeed" type="aixm:ValSpeedType"
nillable="true" minOccurs="0"/>
            <element name="usageDirection"
type="aixm:CodeDirectionType" nillable="true" minOccurs="0"/>
            <element name="connectedTouchDownLiftOff"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="connectedRunwayCentrelinePoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="connectedApron"
type="aixm:ApronPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        <element name="connectedStand"
type="aixm:AircraftStandPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                            <element name="extent"
type="aixm:ElevatedCurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                                <element name="connectedTaxiway"
type="aixm:TaxiwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                    <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                            </sequence>
                        </group>
<group name="HoldingAssessmentPropertyGroup">
    <sequence>

```

```

        <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
            <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
                <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                    <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
                        <element name="speedLimit" type="aixm:ValSpeedType"
nillable="true" minOccurs="0" />
                            <element name="patternTemplate"
type="aixm:TextNameType" nillable="true" minOccurs="0" />
                                <element name="turbulentAir"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                    <element name="legLengthToward"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                                        <element name="legLengthAway"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                                            <element name="holdingPoint"
type="aixm:SegmentPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                                                <element name="unplannedHolding"
type="aixm:UnplannedHoldingPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                                    <element name="assessedHoldingPattern"
type="aixm:HoldingPatternPropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                                                        <element name="obstacleAssessment"
type="aixm:ObstacleAssessmentAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                                                </sequence>
                                                        </group>
                                                <group name="HoldingPatternDistancePropertyGroup">
                                                    <sequence>
                                                        <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0" />
                                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                                                </sequence>
                                                        </group>
                                                <group name="HoldingPatternDurationPropertyGroup">
                                                    <sequence>
                                                        <element name="duration" type="aixm:ValDurationType"
nillable="true" minOccurs="0" />
                                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                                                </sequence>
                                                        </group>
                                                <group name="HoldingPatternPropertyGroup">

```

```

<sequence>
    <element name="type"
type="aixm:CodeHoldingUsageType" nillable="true" minOccurs="0"/>
    <element name="outboundCourse"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
    <element name="outboundCourseType"
type="aixm:CodeCourseType" nillable="true" minOccurs="0"/>
    <element name="inboundCourse"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
    <element name="turnDirection"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0"/>
    <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
    <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
    <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
    <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
    <element name="speedLimit" type="aixm:ValSpeedType"
nillable="true" minOccurs="0"/>
    <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0"/>
    <element name="nonStandardHolding"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
    <choice>
        <element name="outboundLegSpan_endPoint"
type="aixm:SegmentPointPropertyType" nillable="true" minOccurs="0"/>
        <element name="outboundLegSpan_endTime"
type="aixm:HoldingPatternDurationPropertyType" nillable="true"
minOccurs="0"/>
        <element name="outboundLegSpan_endDistance"
type="aixm:HoldingPatternDistancePropertyType" nillable="true"
minOccurs="0"/>
        <element name="outboundLegSpan_endTime"
type="aixm:HoldingPatternDurationPropertyType" nillable="true"
minOccurs="0"/>
        <element name="outboundLegSpan_endPoint"
type="aixm:SegmentPointPropertyType" nillable="true" minOccurs="0"/>
    </choice>
    <element name="holdingPoint"
type="aixm:SegmentPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
    <element name="extent" type="aixm:CurvePropertyType"
nillable="true" minOccurs="0" maxOccurs="1"/>
    <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="HoldingUsePropertyGroup">
    <sequence>
        <element name="holdingUse"
type="aixm:CodeHoldingUseType" nillable="true" minOccurs="0"/>

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```

        <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0" />
            <element name="instructedAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                <element name="instructionAltitudeReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0" />
                    <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        <element name="theHoldingPattern"
type="aixm:HoldingPatternPropertyType" minOccurs="0" />
                    </sequence>
                </group>
            <group name="InformationServicePropertyGroup">
                <sequence>
                    <group ref="aixm:ServicePropertyGroup"
minOccurs="0" />
                        <element name="type"
type="aixm:CodeServiceInformationType" nillable="true"
minOccurs="0" />
                            <element name="voice" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
                                <element name="dataLink" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
                                    <element name="recorded" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
                                        <element name="navaidBroadcast"
type="aixm:VOR.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                            <element name="clientAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                <element name="clientAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                                    <element name="clientRoute"
type="aixm:RoutePortionPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                        <element name="clientProcedure"
type="aixm:ProcedurePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                            <element name="clientHolding"
type="aixm:HoldingPatternPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                                <element name="clientAerialRefuelling"
type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                                                </sequence>
                </group>
            <group name="InitialLegPropertyGroup">
                <sequence>
                    <group ref="aixm:ApproachLegPropertyGroup"
minOccurs="0" />
                        <element name="requiredNavigationPerformance"
type="aixm:CodeRNPType" nillable="true" minOccurs="0" />

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        </sequence>
    </group>
<group name="InstrumentApproachProcedurePropertyGroup">
    <sequence>
        <group ref="aixm:ProcedurePropertyGroup"
minOccurs="0"/>
            <element name="approachPrefix"
type="aixm:CodeApproachPrefixType" nillable="true" minOccurs="0"/>
            <element name="approachType"
type="aixm:CodeApproachType" nillable="true" minOccurs="0"/>
            <element name="multipleIdentification"
type="aixm:CodeUpperAlphaType" nillable="true" minOccurs="0"/>
            <element name="copterTrack"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
            <element name="circlingIdentification"
type="aixm:CodeUpperAlphaType" nillable="true" minOccurs="0"/>
            <element name="courseReversalInstruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0"/>
            <element name="additionalEquipment"
type="aixm:CodeApproachEquipmentAdditionalType" nillable="true"
minOccurs="0"/>
            <element name="channelGNSS"
type="aixm:ValChannelNumberType" nillable="true" minOccurs="0"/>
            <element name="WAASReliable"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="landing"
type="aixm:LandingTakeoffAreaCollectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
            <element name="missedInstruction"
type="aixm:MissedApproachGroupPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="finalProfile"
type="aixm:FinalProfilePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        </sequence>
    </group>
<group name="IntermediateLegPropertyGroup">
    <sequence>
        <group ref="aixm:ApproachLegPropertyGroup"
minOccurs="0"/>
            <element name="requiredNavigationPerformance"
type="aixm:CodeRNPType" nillable="true" minOccurs="0"/>
        </sequence>
    </group>
    <group name="LandingTakeoffAreaCollectionPropertyGroup">
        <sequence>
            <element name="runway"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="TLOF"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>

```

```

    </group>
    <group name="LightActivationPropertyGroup">
        <sequence>
            <element name="clicks" type="aixm:NoNumberType"
nillable="true" minOccurs="0"/>
            <element name="intensityLevel"
type="aixm:CodeLightIntensityType" nillable="true" minOccurs="0"/>
            <element name="activation"
type="aixm:CodeSystemActivationType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="LightElementPropertyGroup">
        <sequence>
            <element name="colour" type="aixm:CodeColourType"
nillable="true" minOccurs="0"/>
            <element name="intensityLevel"
type="aixm:CodeLightIntensityType" nillable="true" minOccurs="0"/>
            <element name="intensity"
type="aixm:ValLightIntensityType" nillable="true" minOccurs="0"/>
            <element name="type" type="aixm:CodeLightSourceType"
nillable="true" minOccurs="0"/>
            <element name="location"
type="aixm:ElevatedPoint.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="availability"
type="aixm:LightElementStatus.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="LightElementStatusPropertyGroup">
        <sequence>
            <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0"/>
        </sequence>
    </group>
    <group name="LinguisticNotePropertyGroup">
        <sequence>
            <element name="note" type="aixm:TextNoteType"
nillable="true" minOccurs="0"/>
        </sequence>
    </group>
    <group name="LocalizerPropertyGroup">
        <sequence>
            <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
            <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
            <element name="magneticBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
        </sequence>
    </group>

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        <element name="magneticBearingAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
            <element name="trueBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                <element name="trueBearingAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                    <element name="declination"
type="aixm:ValMagneticVariationType" nillable="true" minOccurs="0"/>
                        <element name="widthCourse" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
                            <element name="widthCourseAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                                <element name="backCourseUsable"
type="aixm:CodeILSBackCourseType" nillable="true" minOccurs="0"/>
                                    </sequence>
                            </group>
                        <group name="ManoeuvringAreaAvailabilityPropertyGroup">
                            <sequence>
                                <element name="operationalStatus"
type="aixm:CodeStatusAirportType" nillable="true" minOccurs="0"/>
                                    <element name="warning"
type="aixm:CodeAirportWarningType" nillable="true" minOccurs="0"/>
                                        <element name="usage"
type="aixm:ManoeuvringAreaUsagePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                    </sequence>
                            </group>
                        <group name="ManoeuvringAreaUsagePropertyGroup">
                            <sequence>
                                <element name="operation"
type="aixm:CodeOperationManoeuvringAreaType" nillable="true"
minOccurs="0"/>
                            </sequence>
                        </group>
                    <group name="MarkerBeaconPropertyGroup">
                        <sequence>
                            <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
                                <element name="class"
type="aixm:CodeMarkerBeaconSignalType" nillable="true"
minOccurs="0"/>
                                    <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
                                        <element name="axisBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                                            <element name="auralMorseCode"
type="aixm:CodeAuralMorseType" nillable="true" minOccurs="0"/>
                                                </sequence>
                            </group>
                        <group name="MarkingBuoyPropertyGroup">
                            <sequence>
                                <element name="designator"
type="aixm:AlphanumericTypeCodeBuoyDesignatorType" nillable="true"
minOccurs="0"/>
                                    <element name="type" type="aixm:CodeBuoyType"
nillable="true" minOccurs="0"/>

```

Comment [PE10]: Change approved
with AIXM-146

```

        <element name="colour" type="aixm:CodeColourType"
nillable="true" minOccurs="0"/>
        <element name="theSeaplaneLandingArea"
type="aixm:SeaplaneLandingAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="MarkingElementPropertyGroup">
    <sequence>
        <element name="colour" type="aixm:CodeColourType"
nillable="true" minOccurs="0"/>
        <element name="style"
type="aixm:CodeMarkingStyleType" nillable="true" minOccurs="0"/>
    <choice>
        <element name="extent_curveExtent"
type="aixm:ElevatedCurvePropertyType" nillable="true"
minOccurs="0"/>
        <element name="extent_surfaceExtent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0"/>
        <element name="extent_curveExtent"
type="aixm:ElevatedCurvePropertyType" nillable="true"
minOccurs="0"/>
        <element name="extent_location"
type="aixm:ElevatedPointPropertyType" nillable="true"
minOccurs="0"/>
    </choice>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="MarkingPropertyGroup">
    <sequence>
        <element name="markingICAOStandard"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="condition"
type="aixm:CodeMarkingConditionType" nillable="true" minOccurs="0"/>
        <element name="element"
type="aixm:MarkingElementPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="MeteorologyPropertyGroup">
    <sequence>
        <element name="flightConditions"
type="aixm:CodeMeteoConditionsType" nillable="true" minOccurs="0"/>

```

```

        <element name="visibility"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
            <element name="visibilityInterpretation"
type="aixm:CodeValueInterpretationType" nillable="true"
minOccurs="0"/>
                <element name="runwayVisualRange"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="runwayVisualRangeInterpretation"
type="aixm:CodeValueInterpretationType" nillable="true"
minOccurs="0"/>
                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                            </sequence>
                        </group>
<group name="MinimaPropertyGroup">
    <sequence>
        <element name="altitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
            <element name="altitudeCode"
type="aixm:CodeMinimumAltitudeType" nillable="true" minOccurs="0"/>
                <element name="altitudeReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                    <element name="height"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                        <element name="militaryHeight"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                            <element name="radioHeight"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                <element name="heightCode"
type="aixm:CodeMinimumHeightType" nillable="true" minOccurs="0"/>
                                    <element name="heightReference"
type="aixm:CodeHeightReferenceType" nillable="true" minOccurs="0"/>
                                        <element name="visibility"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                            <element name="militaryVisibility"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                                <element name="mandatoryRVR"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                                    <element name="remoteAltimeterMinima"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                                        <element name="adjustmentINOP"
type="aixm:EquipmentUnavailableAdjustmentPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                                </sequence>
                                                        </group>
<group name="MissedApproachGroupPropertyGroup">
    <sequence>
        <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0"/>
            <element name="alternateClimbInstruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0"/>

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        <element name="alternateClimbAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
            <element name="altimeter"
type="aixm:AltimeterSourcePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="MissedApproachLegPropertyGroup">
            <sequence>
                <group ref="aixm:ApproachLegPropertyGroup"
minOccurs="0" />
                    <element name="type"
type="aixm:CodeMissedApproachType" nillable="true" minOccurs="0" />
                        <element name="thresholdAfterMAPT"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                            <element name="heightMAPT"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                                <element name="requiredNavigationPerformance"
type="aixm:CodeRNPType" nillable="true" minOccurs="0" />
                                    <element name="condition"
type="aixm:ApproachConditionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                </sequence>
                            </group>
                            <group name="NavaidComponentPropertyGroup">
                                <sequence>
                                    <element name="collocationGroup"
type="aixm:NoSequenceType" nillable="true" minOccurs="0" />
                                        <element name="markerPosition"
type="aixm:CodePositionInILSType" nillable="true" minOccurs="0" />
                                            <element name="providesNavigableLocation"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                    <element name="theNavaidEquipment"
type="aixm:NavaidEquipmentPropertyType" minOccurs="0" />
                                                </sequence>
                                            </group>
                                            <group name="NavaidEquipmentDistancePropertyGroup">
                                                <sequence>
                                                    <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0" />
                                                        <element name="distanceAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                                <element name="theNavaidEquipment"
type="aixm:NavaidEquipmentPropertyType" minOccurs="0" />
                                                            </sequence>
                                                        </group>
                                                        <group name="NavaidEquipmentMonitoringPropertyGroup">

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        <sequence>
            <element name="monitored" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        </sequence>
    </group>
    <group name="NavaidEquipmentPropertyGroup">
        <sequence>
            <element name="designator"
type="aixm:CodeNavaidDesignatorType" nillable="true" minOccurs="0"/>
            <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
            <element name="emissionClass"
type="aixm:CodeRadioEmissionType" nillable="true" minOccurs="0"/>
            <element name="mobile" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
            <element name="magneticVariation"
type="aixm:ValMagneticVariationType" nillable="true" minOccurs="0"/>
            <element name="magneticVariationAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
            <element name="dateMagneticVariation"
type="aixm:DateYearType" nillable="true" minOccurs="0"/>
            <element name="flightChecked"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="authority"
type="aixm:AuthorityForNavaidEquipmentPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="monitoring"
type="aixm:NavaidEquipmentMonitoringPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="availability"
type="aixm:NavaidOperationalStatusPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="NavaidOperationalStatusPropertyGroup">
        <sequence>
            <element name="operationalStatus"
type="aixm:CodeStatusNavaidType" nillable="true" minOccurs="0"/>
            <element name="signalType"
type="aixm:CodeRadioSignalType" nillable="true" minOccurs="0"/>
        </sequence>
    </group>
    <group name="NavaidPropertyGroup">
        <sequence>
            <element name="type"
type="aixm:CodeNavaidServiceType" nillable="true" minOccurs="0"/>
            <element name="designator"
type="aixm:CodeNavaidDesignatorType" nillable="true" minOccurs="0"/>
            <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>

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        <element name="flightChecked"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="purpose"
type="aixm:CodeNavaidPurposeType" nillable="true" minOccurs="0"/>
                <element name="signalPerformance"
type="aixm:CodeSignalPerformanceILSType" nillable="true"
minOccurs="0"/>
                    <element name="courseQuality"
type="aixm:CodeCourseQualityILSType" nillable="true" minOccurs="0"/>
                        <element name="integrityLevel"
type="aixm:CodeIntegrityLevelILSType" nillable="true"
minOccurs="0"/>
                            <element name="touchDownLiftOff"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                <element name="navaidEquipment"
type="aixm:NavaidComponentPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                    <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                                        <element name="runwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                            <element name="servedAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                                <element name="availability"
type="aixm:NavaidOperationalStatusPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                        </sequence>
                                                    </group>
                                                <group name="NavigationAreaPropertyGroup">
                                                    <sequence>
                                                        <element name="navigationAreaType"
type="aixm:CodeNavigationAreaType" nillable="true" minOccurs="0"/>
                                                            <element name="minimumCeiling"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                                <element name="minimumVisibility"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                                                    <element name="departure"
type="aixm:StandardInstrumentDeparturePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                                                                        <element name="sector"
type="aixm:NavigationAreaSectorPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                                                            <choice>
                                                                                <element name="centrePoint_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
                                                                                    <element name="centrePoint_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>

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        <element name="centrePoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <element name="centrePoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
                <element name="centrePoint_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
                    <element name="centrePoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
                <element
name="centrePoint_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
                    <element name="centrePoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            </choice>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="NavigationAreaRestrictionPropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeNavigationAreaRestrictionType" nillable="true"
minOccurs="0"/>
            <element name="procedure"
type="aixm:ProcedurePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="designSurface"
type="aixm:ObstacleAssessmentAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="sectorDefinition"
type="aixm:CircleSector.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    </sequence>
                </group>
                <group name="NavigationAreaSectorPropertyGroup">
                    <sequence>
                        <element name="sectorDefinition"
type="aixm:CircleSector.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                            <element name="significantObstacle"
type="aixm:ObstructionPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                <element name="extent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                                    <element name="sectorCriteria"
type="aixm:SectorDesignPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>

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        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="NavigationSystemCheckpointPropertyGroup">
    <sequence>
        <element name="category"
type="aixm:CodeCheckpointCategoryType" nillable="true"
minOccurs="0"/>
            <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                    <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                        <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                            <element name="altitudeInterpretation"
type="aixm:CodeAltitudeUseType" nillable="true" minOccurs="0"/>
                                <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                                    <element name="angle" type="aixm:ValBearingType"
nillable="true" minOccurs="0"/>
                                        <element name="position"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>maxOccurs="1"/>

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        </sequence>
    </group>
    <group name="NonMovementAreaPropertyGroup">
        <sequence>
            <element name="associatedAirportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
            <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="NotePropertyGroup">
        <sequence>
            <element name="propertyName"
type="aixm:TextPropertyNameType" nillable="true" minOccurs="0"/>
            <element name="purpose"
type="aixm:CodeNotePurposeType" nillable="true" minOccurs="0"/>
            <element name="translatedNote"
type="aixm:LinguisticNotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="ObstacleAreaPropertyGroup">
        <sequence>
            <element name="type"
type="aixm:CodeObstacleAreaType" nillable="true" minOccurs="0"/>
            <element name="obstructionIdSurfaceCondition"
type="aixm:CodeObstacleAssessmentSurfaceType" nillable="true"
minOccurs="0" />
            <choice>
                <element name="reference_ownerAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" />
                <element name="reference_ownerRunway"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" />
                <element name="reference_ownerOrganisation"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" />
                <element name="reference_ownerRunway"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" />
                <element name="reference_ownerAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" />
            </choice>
            <element name="surfaceExtent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
            <element name="obstacle"
type="aixm:VerticalStructurePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
        </sequence>
    </group>

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        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
<group name="ObstacleAssessmentAreaPropertyGroup">
            <sequence>
                <element name="type"
type="aixm:CodeObstacleAssessmentSurfaceType" nillable="true"
minOccurs="0"/>
                    <element name="sectionNumber"
type="aixm:NoNumberType" nillable="true" minOccurs="0" />
                    <element name="slope" type="aixm:ValSlopeType"
nillable="true" minOccurs="0" />
                    <element name="assessedAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                    <element name="slopeLowerAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                    <element name="gradientLowHigh"
type="aixm:ValSlopeType" nillable="true" minOccurs="0" />
                    <element name="surfaceZone"
type="aixm:CodeObstructionIdSurfaceZoneType" nillable="true"
minOccurs="0" />
                    <element name="safetyRegulation"
type="aixm:TextNameType" nillable="true" minOccurs="0" />
                    <element name="aircraftCategory"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="significantObstacle"
type="aixm:Obstruction.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="surface"
type="aixm:Surface.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                        <element name="startingCurve"
type="aixm:Curve.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        </sequence>
                    </group>
<group name="ObstaclePlacementPropertyGroup">
            <sequence>
                <element name="obstacleBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0" />
                <element name="obstacleDistance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                <element name="pointType" type="aixm:TextNameType"
nillable="true" minOccurs="0" />
                <element name="obstaclePlacement"
type="aixm:CodeSideType" nillable="true" minOccurs="0" />
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>

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</group>
<group name="ObstructionPropertyGroup">
    <sequence>
        <element name="requiredClearance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="minimumAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="surfacePenetration"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="slopePenetration"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
        <element name="controlling"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="closeIn" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="theVerticalStructure"
type="aixm:VerticalStructurePropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
        <element name="adjustment"
type="aixm:AltitudeAdjustmentPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="obstaclePlacement"
type="aixm:ObstaclePlacementPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="OilPropertyGroup">
    <sequence>
        <element name="category" type="aixm:CodeOilType"
nillable="true" minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="OnlineContactPropertyGroup">
    <sequence>
        <element name="network"
type="aixm:CodeTelecomNetworkType" nillable="true" minOccurs="0"/>
        <element name="linkage" type="aixm:TextAddressType"
nillable="true" minOccurs="0"/>
        <element name="protocol" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="eMail" type="aixm:TextAddressType"
nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="OrganisationAuthorityAssociationPropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeOrganisationHierarchyType" nillable="true"
minOccurs="0"/>

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        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="theOrganisationAuthority"
type="aixm:OrganisationAuthorityPropertyType" minOccurs="0"/>
        </sequence>
    </group>
<group name="OrganisationAuthorityPropertyGroup">
    <sequence>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="designator"
type="aixm:CodeOrganisationDesignatorType" nillable="true"
minOccurs="0"/>
        <element name="type"
type="aixm:CodeOrganisationType" nillable="true" minOccurs="0"/>
        <element name="military"
type="aixm:CodeMilitaryOperationsType" nillable="true"
minOccurs="0"/>
        <element name="contact"
type="aixm>ContactInformationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="relatedOrganisationAuthority"
type="aixm:OrganisationAuthorityAssociationPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
<group name="OxygenPropertyGroup">
    <sequence>
        <element name="type" type="aixm:CodeOxygenType"
nillable="true" minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="PassengerLoadingBridgePropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeLoadingBridgeType" nillable="true" minOccurs="0"/>
            <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>

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        <group ref="aixm:AirportGroundServicePropertyGroup"
minOccurs="0" />
            <element name="type"
type="aixm:CodePassengerServiceType" nillable="true" minOccurs="0" />
                </sequence>
        </group>
        <group name="PilotControlledLightingPropertyGroup">
            <sequence>
                <element name="type"
type="aixm:CodePilotControlledLightingType" nillable="true"
minOccurs="0" />
                    <element name="duration" type="aixm:ValDurationType"
nillable="true" minOccurs="0" />
                    <element name="intensitySteps"
type="aixm>NoNumberType" nillable="true" minOccurs="0" />
                    <element name="standByIntensity"
type="aixm:CodeIntensityStandByType" nillable="true" minOccurs="0" />
                        <element name="radioFrequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0" />
                            <element name="activationInstruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0" />
                                <element name="controlledLightIntensity"
type="aixm:LightActivationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                    <element name="activatedGroundLighting"
type="aixm:GroundLightSystemPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                            </sequence>
                </group>
                <group name="PointPropertyGroup">
                    <sequence>
                        <element name="horizontalAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                    </sequence>
                </group>
                <group name="PointReferencePropertyGroup">
                    <sequence>
                        <element name="role"
type="aixm:CodeReferenceRoleType" nillable="true" minOccurs="0" />
                        <element name="priorFixTolerance"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0" />
                        <element name="postFixTolerance"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0" />
                        <element name="point"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                        <element name="facilityAngle"
type="aixm:AngleUsePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                    </sequence>
                </group>
            </sequence>
        </group>
    </sequence>
</group>

```

```

        <element name="facilityDistance"
type="aixm:DistanceIndicationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="fixToleranceArea"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"1"maxOccurs="1"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="PostalAddressPropertyGroup">
        <sequence>
            <element name="deliveryPoint"
type="aixm:TextAddressType" nillable="true" minOccurs="0"/>
            <element name="city" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
            <element name="administrativeArea"
type="aixm:TextNameType" nillable="true" minOccurs="0"/>
            <element name="postalCode" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
            <element name="country" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        </sequence>
    </group>
    <group name="PrecisionApproachRadarPropertyGroup">
        <sequence>
            <group ref="aixm:RadarEquipmentPropertyGroup"
minOccurs="0"/>
                <element name="precisionApproachRadarType"
type="aixm:CodePARType" nillable="true" minOccurs="0"/>
                <element name="slope" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
                <element name="slopeAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                <element name="reflector"
type="aixm:ReflectorPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="PrimarySurveillanceRadarPropertyGroup">
            <sequence>
                <group ref="aixm:SurveillanceRadarPropertyGroup"
minOccurs="0"/>
                    <element name="type"
type="aixm:CodePrimaryRadarType" nillable="true" minOccurs="0"/>
                </sequence>
            </group>
            <group name="ProcedureAvailabilityPropertyGroup">
                <sequence>
                    <element name="status"
type="aixm:CodeProcedureAvailabilityType" nillable="true"
minOccurs="0"/>
                </sequence>
            </group>
        <group name="ProcedureDMEPropertyGroup">

```

```

<sequence>
    <element name="criticalDME"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
    <element name="satisfactory"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
    <element name="DME" type="aixm:DMEPropertyType"
nillable="true" minOccurs="0" maxOccurs="1">
        <element name="segmentLeg"
type="aixm:SegmentLegPropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
<group name="ProcedurePropertyGroup">
    <sequence>
        <element name="communicationFailureInstruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0" />
        <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0" />
        <element name="designCriteria"
type="aixm:CodeDesignStandardType" nillable="true" minOccurs="0" />
        <element name="codingStandard"
type="aixm:CodeProcedureCodingStandardType" nillable="true"
minOccurs="0" />
        <element name="flightChecked"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0" />
        <element name="RNAV" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
        <element name="availability"
type="aixm:ProcedureAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="airportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="aircraftCharacteristic"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="flightTransition"
type="aixm:ProcedureTransitionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <choice>
            <element name="guidanceFacility_navaid"
type="aixm:Navaid.PropertyType" nillable="true" minOccurs="0" />
            <element
name="guidanceFacility_specialNavigationSystem"
type="aixm:SpecialNavigationSystemPropertyType" nillable="true"
minOccurs="0" />
            <element name="guidanceFacility_radar"
type="aixm:RadarSystemPropertyType" nillable="true" minOccurs="0" />
            <element name="guidanceFacility_navaid"
type="aixm:Navaid.PropertyType" nillable="true" minOccurs="0" />
        </choice>
    </sequence>

```

```

        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="safeAltitude"
type="aixm:SafeAltitudeAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        </sequence>
    </group>
    <group name="ProcedureTransitionLegPropertyGroup">
        <sequence>
            <element name="seqNumberARINC"
type="aixm:NoSequenceType" nillable="true" minOccurs="0" />
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="theSegmentLeg"
type="aixm:SegmentLegPropertyType" minOccurs="0" />
        </sequence>
    </group>
    <group name="ProcedureTransitionPropertyGroup">
        <sequence>
            <element name="transitionID"
type="aixm:CodeDesignatedPointDesignatorType" nillable="true"
minOccurs="0" />
            <element name="type"
type="aixm:CodeProcedurePhaseType" nillable="true" minOccurs="0" />
            <element name="instruction"
type="aixm:TextInstructionType" nillable="true" minOccurs="0" />
            <element name="vectorHeading"
type="aixm:ValBearingType" nillable="true" minOccurs="0" />
            <element name="departureRunwayTransition"
type="aixm:LandingTakeoffAreaCollectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
            <element name="trajectory"
type="aixm:CurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="transitionLeg"
type="aixm:ProcedureTransitionLegPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="PropertiesWithSchedulePropertyGroup">
        <sequence>
            <element name="timeInterval"
type="aixm:TimesheetPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="specialDateAuthority"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
    </group>

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```

</group>
<group name="RadarComponentPropertyGroup">
    <sequence>
        <element name="collocationGroup"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="theRadarEquipment"
type="aixm:RadarEquipmentPropertyType" minOccurs="0"/>
            </sequence>
    </group>
    <group name="RadarEquipmentPropertyGroup">
        <sequence>
            <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
                <element name="serialNumber"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
                    <element name="range" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                        <element name="rangeAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                            <element name="dualChannel"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                <element name="movingTargetIndicator"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                    <element name="standbyPower"
type="aixm:CodeStandbyPowerType" nillable="true" minOccurs="0"/>
                                        <element name="digital" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                                            <element name="militaryUseOnly"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                                <element name="specialUseOnly"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                                    <element name="specialAircraftOnly"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                                        <element name="magneticVariation"
type="aixm:ValMagneticVariationType" nillable="true" minOccurs="0"/>
                                                            <element name="magneticVariationAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                                                                <element name="dateMagneticVariation"
type="aixm:DateYearType" nillable="true" minOccurs="0"/>
                                                                    <element name="contact"
type="aixm:ContactInformation.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                                                        <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                                                                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                                        </sequence>
            </group>
            <group name="RadarSystemPropertyGroup">
                <sequence>

```

```

<element name="type"
type="aixm:CodeRadarServiceType" nillable="true" minOccurs="0"/>
<element name="model" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
<element name="generalTerrainMonitor"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
<element name="broadcastIdentifier"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
<element name="radarEquipment"
type="aixm:RadarComponentPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
<element name="office"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
<element name="airportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>maxOccurs="1"/>

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```

        <element name="availability"
type="aixm:RadioCommunicationOperationalStatusPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group
name="RadioCommunicationOperationalStatusPropertyGroup">
    <sequence>
        <element name="operationalStatus"
type="aixm:CodeStatusServiceType" nillable="true" minOccurs="0" />
    </sequence>
</group>
<group name="RadioFrequencyAreaPropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeRadioFrequencyAreaType" nillable="true"
minOccurs="0" />
        <element name="angleScallop"
type="aixm:ValAngleType" nillable="true" minOccurs="0" />
        <element name="signalType"
type="aixm:CodeRadioSignalType" nillable="true" minOccurs="0" />
        <choice>
            <element name="equipment_radar"
type="aixm:SecondarySurveillanceRadar.PropertyType" nillable="true"
minOccurs="0" />
            <element
name="equipment_precisionApproachRadar"
type="aixm:PrecisionApproachRadar.PropertyType" nillable="true"
minOccurs="0" />
            <element name="equipment_navaidEquipment"
type="aixm:NavaidEquipment.PropertyType" nillable="true"
minOccurs="0" />
            <element name="equipment_frequency"
type="aixm:RadioCommunicationChannel.PropertyType" nillable="true"
minOccurs="0" />
            <element
name="equipment_specialNavigationStation"
type="aixm:SpecialNavigationStation.PropertyType" nillable="true"
minOccurs="0" />
            <element name="equipment_navaidEquipment"
type="aixm:NavaidEquipment.PropertyType" nillable="true"
minOccurs="0" />
            <element
name="equipment_precisionApproachRadar"
type="aixm:PrecisionApproachRadar.PropertyType" nillable="true"
minOccurs="0" />
            <element name="equipment_radar"
type="aixm:SecondarySurveillanceRadar.PropertyType" nillable="true"
minOccurs="0" />
        </choice>
        <element name="sector"
type="aixm:CircleSector.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>

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```

        <element name="extent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="ReflectorPropertyGroup">
    <sequence>
        <element name="type" type="aixm:CodeReflectorType"
nillable="true" minOccurs="0"/>
        <element name="touchdownReflector"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="RidgePropertyGroup">
    <sequence>
        <element name="side" type="aixm:CodeSideType"
nillable="true" minOccurs="0"/>
        <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="depth" type="aixm:ValDepthType"
nillable="true" minOccurs="0"/>
        <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="RoadPropertyGroup">
    <sequence>
        <element name="designator" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0"/>
        <element name="type" type="aixm:CodeRoadType"
nillable="true" minOccurs="0"/>
        <element name="abandoned" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="associatedAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="accessibleStand"
type="aixm:AircraftStandPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="surfaceExtent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
    </sequence>
</group>

```

```

        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="RouteAvailabilityPropertyGroup">
            <sequence>
                <element name="direction"
type="aixm:CodeDirectionType" nillable="true" minOccurs="0"/>
                    <element name="cardinalDirection"
type="aixm:CodeCardinalDirectionType" nillable="true"
minOccurs="0"/>
                        <element name="status"
type="aixm:CodeRouteAvailabilityType" nillable="true"
minOccurs="0"/>
                            <element name="levels"
type="aixm:AirspaceLayerPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        </sequence>
                    </group>
                    <group name="RouteDMEPropertyGroup">
                        <sequence>
                            <element name="criticalDME"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                <element name="satisfactory"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                    <element name="referencedDME"
type="aixm:DMEPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>maxOccurs="1"/>

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```

        <element name="start_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
    <element name="start_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
    </choice>
    <choice>
        <element
name="intermediatePoint_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="intermediatePoint_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
                <element name="intermediatePoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <element name="intermediatePoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="intermediatePoint_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
                <element name="intermediatePoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element
name="intermediatePoint_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
                <element name="intermediatePoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            </choice>
            <element name="referencedRoute"
type="aixm:RoutePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <choice>
            <element name="end_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
                <element name="end_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
                    <element name="end_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
                <element name="end_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
                <element name="end_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="end_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
                <element name="end_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
        </choice>
    </choice>

```

```

        </choice>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="RoutePropertyGroup">
    <sequence>
        <element name="designatorPrefix"
type="aixm:CodeRouteDesignatorPrefixType" nillable="true"
minOccurs="0"/>
        <element name="designatorSecondLetter"
type="aixm:CodeRouteDesignatorLetterType" nillable="true"
minOccurs="0"/>
        <element name="designatorNumber"
type="aixm:NoNumberType" nillable="true" minOccurs="0"/>
        <element name="multipleIdentifier"
type="aixm:CodeUpperAlphaType" nillable="true" minOccurs="0"/>
        <element name="locationDesignator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="type" type="aixm:CodeRouteType"
nillable="true" minOccurs="0"/>
        <element name="flightRule"
type="aixm:CodeFlightRuleType" nillable="true" minOccurs="0"/>
        <element name="internationalUse"
type="aixm:CodeRouteOriginType" nillable="true" minOccurs="0"/>
        <element name="militaryUse"
type="aixm:CodeMilitaryStatusType" nillable="true" minOccurs="0"/>
        <element name="militaryTrainingType"
type="aixm:CodeMilitaryTrainingType" nillable="true" minOccurs="0"/>
        <element name="userOrganisation"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="RouteSegmentPropertyGroup">
    <sequence>
        <element name="level" type="aixm:CodeLevelType"
nillable="true" minOccurs="0"/>
        <element name="upperLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="lowerLimit"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
        <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
        <element name="minimumObstacleClearanceAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>

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```

<element name="pathType"
type="aixm:CodeRouteSegmentPathType" nillable="true" minOccurs="0"/>
<element name="trueTrack" type="aixm:ValBearingType"
nillable="true" minOccurs="0"/>
<element name="magneticTrack"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
<element name="reverseTrueTrack"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
<element name="reverseMagneticTrack"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
<element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
<element name="widthLeft"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
<element name="widthRight"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
<element name="turnDirection"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0"/>
<element name="signalGap" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
<element name="minimumEnrouteAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
<element name="minimumCrossingAtEnd"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
<element name="minimumCrossingAtEndReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
<element name="maximumCrossingAtEnd"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
<element name="maximumCrossingAtEndReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
<element name="navigationType"
type="aixm:CodeRouteNavigationType" nillable="true" minOccurs="0"/>
<element name="requiredNavigationPerformance"
type="aixm:CodeRNPTYPE" nillable="true" minOccurs="0"/>
<element name="designatorSuffix"
type="aixm:CodeRouteDesignatorSuffixType" nillable="true"
minOccurs="0"/>
<element name="start"
type="aixm:EnRouteSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
<element name="routeFormed"
type="aixm:RoutePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
<element name="evaluationArea"
type="aixm:ObstacleAssessmentAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
<element name="curveExtent"
type="aixm:CurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
<element name="end"
type="aixm:EnRouteSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
```

```

        <element name="availability"
type="aixm:RouteAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="RulesProceduresPropertyGroup">
        <sequence>
            <element name="category"
type="aixm:CodeRuleProcedureType" nillable="true" minOccurs="0"/>
            <element name="title"
type="aixm:CodeRuleProcedureTitleType" nillable="true"
minOccurs="0"/>
            <element name="content" type="aixm:XHTMLType"
nillable="true" minOccurs="0"/>
            <element name="affectedLocation"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="affectedArea"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="RunwayBlastPadPropertyGroup">
        <sequence>
            <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
            <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0"/>
            <element name="usedRunwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"maxOccurs="1"maxOccurs="1"Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
            <group name="RunwayCentrelinePointPropertyGroup">
                <sequence>
                    <element name="role"
type="aixm:CodeRunwayPointRoleType" nillable="true" minOccurs="0"/>
                    <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>

```

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        <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="onRunway"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="associatedDeclaredDistance"
type="aixm:RunwayDeclaredDistancePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="navaidEquipment"
type="aixm:NavaidEquipmentDistancePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    </sequence>
                </group>
            <group name="RunwayContaminationPropertyGroup">
                <sequence>
                    <element name="clearedLength"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="clearedWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="clearedSide" type="aixm:CodeSideType"
nillable="true" minOccurs="0"/>
                    <element name="furtherClearanceLength"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="furtherClearanceWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="obsuredLightsSide"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                    <element name="clearedLengthBegin"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="taxiwayAvailable"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                    <element name="apronAvailable"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                </sequence>
            </group>
            <group name="RunwayDeclaredDistancePropertyGroup">
                <sequence>
                    <element name="type"
type="aixm:CodeDeclaredDistanceType" nillable="true" minOccurs="0"/>
                    <element name="declaredValue"
type="aixm:RunwayDeclaredDistanceValuePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
            <group name="RunwayDeclaredDistanceValuePropertyGroup">
                <sequence>
                    <element name="distance" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>

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        <element name="distanceAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
            </sequence>
        </group>
        <group name="RunwayDirectionLightSystemPropertyGroup">
            <sequence>
                <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0" />
                    <element name="position"
type="aixm:CodeRunwaySectionType" nillable="true" minOccurs="0" />
                    <element name="associatedRunwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
| minOccurs="0" maxOccurs="1" />
                </sequence>
            </group>
            <group name="RunwayDirectionPropertyGroup">
                <sequence>
                    <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0" />
                    <element name="trueBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0" />
                    <element name="trueBearingAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0" />
                    <element name="magneticBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0" />
                    <element name="patternVFR"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0" />
                    <element name="slopeTDZ" type="aixm:ValSlopeType"
nillable="true" minOccurs="0" />
                    <element name="elevationTDZ"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0" />
                    <element name="elevationTDZAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0" />
                    <element name="approachMarkingType"
type="aixm:CodeRunwayMarkingType" nillable="true" minOccurs="0" />
                    <element name="approachMarkingCondition"
type="aixm:CodeMarkingConditionType" nillable="true" minOccurs="0" />
                    <element name="classLightingJAR"
type="aixm:CodeLightingJARType" nillable="true" minOccurs="0" />
                    <element name="precisionApproachGuidance"
type="aixm:CodeApproachGuidanceType" nillable="true" minOccurs="0" />
                    <element name="usedRunway"
type="aixm:Runway.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                    <element name="startingElement"
type="aixm:RunwayElement.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                    <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                    <element name="availability"
type="aixm:ManoeuvringAreaAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                </sequence>
            </group>
            <group name="RunwayElementPropertyGroup">

```

```

<sequence>
    <element name="type"
type="aixm:CodeRunwayElementType" nillable="true" minOccurs="0"/>
        <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
            <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                <element name="gradeSeparation"
type="aixm:CodeGradeSeparationType" nillable="true" minOccurs="0"/>
                    <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                        <element name="associatedRunway"
type="aixm:Runway.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                            <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                                <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                    <element name="availability"
type="aixm:ManoeuvringAreaAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                </sequence>
                            </group>
                        <group name="RunwayMarkingPropertyGroup">
                            <sequence>
                                <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
                                    <element name="markingLocation"
type="aixm:CodeRunwaySectionType" nillable="true" minOccurs="0"/>
                                        <element name="markedRunway"
type="aixm:Runway.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                                    </sequence>
                            </group>
                        <group name="RunwayPropertyGroup">
                            <sequence>
                                <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
                                    <element name="type" type="aixm:CodeRunwayType"
nillable="true" minOccurs="0"/>
                                        <element name="nominalLength"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                            <element name="lengthAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                                <element name="nominalWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                                    <element name="widthAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                                        <element name="widthShoulder"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                                                            <element name="lengthStrip"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>

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        <element name="widthStrip"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
            <element name="lengthOffset"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0"/>
                <element name="widthOffset"
type="aixm:ValDistanceSignedType" nillable="true" minOccurs="0"/>
                    <element name="abandoned" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                        <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                            <element name="associatedAirportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                <element name="overallContaminant"
type="aixm:RunwayContaminationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                                        <element name="areaContaminant"
type="aixm:RunwaySectionContaminationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                                            </sequence>
                                        </group>
                                    <group name="RunwayProtectAreaLightSystemPropertyGroup">
                                        <sequence>
                                            <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0" />
                                                <element name="position"
type="aixm:CodeProtectAreaSectionType" nillable="true"
minOccurs="0" />
                                                    <element name="lightedArea"
type="aixm:RunwayProtectAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                                </sequence>
                                            </group>
                                        <group name="RunwayProtectAreaPropertyGroup">
                                            <sequence>
                                                <group
ref="aixm:AirportHeliportProtectionAreaPropertyGroup"
minOccurs="0" />
                                                    <element name="type"
type="aixm:CodeRunwayProtectionAreaType" nillable="true"
minOccurs="0" />
                                                        <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0" />
                                                            <element name="protectedRunwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                                                        </sequence>
                                                    </group>
                                                <group name="RunwaySectionContaminationPropertyGroup">
                                                    <sequence>
                                                        <element name="section"
type="aixm:CodeRunwaySectionType" nillable="true" minOccurs="0" />

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        </sequence>
    </group>
<group name="RunwayVisualRangePropertyGroup">
    <sequence>
        <element name="readingPosition"
type="aixm:CodeRVRReadingType" nillable="true" minOccurs="0"/>
        <element name="associatedRunwayDirection"
type="aixm:RunwayDirectionPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
<group name="SafeAltitudeAreaPropertyGroup">
    <sequence>
        <element name="safeAreaType"
type="aixm:CodeSafeAltitudeType" nillable="true" minOccurs="0"/>
        <choice>
            <element name="centrePoint_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
                <element name="centrePoint_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
                    <element name="centrePoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
                    <element name="centrePoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
                <element name="centrePoint_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
                    <element name="centrePoint_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            </choice>
            <element
name="centrePoint_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
                    <element name="centrePoint_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            </choice>
            <element name="sector"
type="aixm:SafeAltitudeAreaSectorPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="location"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>

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<group name="SafeAltitudeAreaSectorPropertyGroup">
    <sequence>
        <element name="bufferWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="extent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="significantObstacle"
type="aixm:ObstructionPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="sectorDefinition"
type="aixm:CircleSectorPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
        <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="SDFPropertyGroup">
    <sequence>
        <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
        <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
        <element name="magneticBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
        <element name="trueBearing"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="SeaplaneLandingAreaPropertyGroup">
    <sequence>
        <element name="rampSite"
type="aixm:SeaplaneRampSite.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="dockSite"
type="aixm:FloatingDockSite.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="extent"
type="aixm:ElevatedSurface.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="availability"
type="aixm:ManoeuvringAreaAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="SeaplaneRampSitePropertyGroup">
    <sequence>
        <element name="extent"
type="aixm:ElevatedSurface.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>

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        <element name="centreline"
type="aixm:ElevatedCurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="SearchRescueServicePropertyGroup">
        <sequence>
            <group ref="aixm:ServicePropertyGroup"
minOccurs="0"/>
                <element name="type" type="aixm:CodeServiceSARType"
nillable="true" minOccurs="0"/>
                <element name="clientAirspace"
type="aixm:Airspace.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="clientRoute"
type="aixm:RoutePortion.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
            <group name="SecondarySurveillanceRadarPropertyGroup">
                <sequence>
                    <group ref="aixm:SurveillanceRadarPropertyGroup"
minOccurs="0"/>
                        <element name="transponder"
type="aixm:CodeTransponderType" nillable="true" minOccurs="0"/>
                            <element name="autonomous" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                            <element name="monopulse" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                        </sequence>
                </group>
                <group name="SectorDesignPropertyGroup">
                    <sequence>
                        <element name="turnDirection"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0"/>
                        <element name="designGradient"
type="aixm:ValSlopeType" nillable="true" minOccurs="0"/>
                        <element name="terminationAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                        <element name="turnPermitted"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                        <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    </sequence>
                </group>
                <group name="SegmentLegPropertyGroup">
                    <sequence>
                        <element name="endConditionDesignator"
type="aixm:CodeSegmentTerminationType" nillable="true"
minOccurs="0"/>
                        <element name="legPath"
type="aixm:CodeTrajectoryType" nillable="true" minOccurs="0"/>
                    </sequence>
                </group>
            </group>
        </sequence>
    </group>

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<element name="legTypeARINC"
type="aixm:CodeSegmentPathType" nillable="true" minOccurs="0"/>
    <element name="course" type="aixm:ValBearingType"
nillable="true" minOccurs="0"/>
        <element name="courseType"
type="aixm:CodeCourseType" nillable="true" minOccurs="0"/>
            <element name="courseDirection"
type="aixm:CodeDirectionReferenceType" nillable="true"
minOccurs="0"/>
                <element name="turnDirection"
type="aixm:CodeDirectionTurnType" nillable="true" minOccurs="0"/>
                    <element name="speedLimit" type="aixm:ValSpeedType"
nillable="true" minOccurs="0"/>
                        <element name="speedReference"
type="aixm:CodeSpeedReferenceType" nillable="true" minOccurs="0"/>
                            <element name="speedInterpretation"
type="aixm:CodeAltitudeUseType" nillable="true" minOccurs="0"/>
                                <element name="bankAngle" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
                                    <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                                        <element name="duration" type="aixm:ValDurationType"
nillable="true" minOccurs="0"/>
                                            <element name="procedureTurnRequired"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                                                <element name="upperLimitAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                    <element name="upperLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                                                        <element name="lowerLimitAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                            <element name="lowerLimitReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                                                                <element name="altitudeInterpretation"
type="aixm:CodeAltitudeUseType" nillable="true" minOccurs="0"/>
                                                                    <element name="altitudeOverrideATC"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                                                                        <element name="altitudeOverrideReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
                                                                            <element name="verticalAngle"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
                                                                                <element name="startPoint"
type="aixm:TerminalSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>maxOccurs="1"/>maxOccurs="1"/>maxOccurs="1"/>

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        <element name="angle"
type="aixm:AngleIndicationPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
        <element name="distance"
type="aixm:DistanceIndicationPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
        <element name="aircraftCategory"
type="aixm:AircraftCharacteristicPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
        <element name="holding"
type="aixm:HoldingUsePropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
        <element name="designSurface"
type="aixm:ObstacleAssessmentAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
        <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
    </sequence>
</group>
<group name="SegmentPointPropertyGroup">
    <sequence>
        <element name="reportingATC"
type="aixm:CodeATCReportingType" nillable="true" minOccurs="0" />
        <element name="flyOver" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
        <element name="waypoint" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
        <element name="radarGuidance"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="facilityMakeup"
type="aixm:PointReferencePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
    <choice>
        <element name="pointChoice_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0" />
        <element name="pointChoice_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0" />
<element name="pointChoice_position"
type="aixm:Point.PropertyType" nillable="true" minOccurs="0" />
<element name="pointChoice_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" />
        <element name="pointChoice_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0" />
<element name="pointChoice_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" />
        <element
name="pointChoice_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" />
<element name="pointChoice_position"
type="aixm:Point.PropertyType" nillable="true" minOccurs="0" />

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        </choice>
        <element name="extendedServiceVolume"
type="aixm:RadioFrequencyAreaPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
        <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="ServiceOperationalStatusPropertyGroup">
    <sequence>
        <element name="operationalStatus"
type="aixm:CodeStatusServiceType" nillable="true" minOccurs="0" />
    </sequence>
</group>
<group name="ServicePropertyGroup">
    <sequence>
        <element name="flightOperations"
type="aixm:CodeFlightDestinationType" nillable="true"
minOccurs="0" />
        <element name="rank"
type="aixm:CodeFacilityRankingType" nillable="true" minOccurs="0" />
        <element name="compliantICAO"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0" />
        <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
        <element name="serviceProvider"
type="aixm:UnitPropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
        <element name="call-sign"
type="aixm:CallsignDetailPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="radioCommunication"
type="aixm:RadioCommunicationChannelPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="groundCommunication"
type="aixm>ContactInformationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="availability"
type="aixm:ServiceOperationalStatusPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="SignificantPointInAirspacePropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeAirspacePointRoleType" nillable="true"
minOccurs="0" />

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        <element name="relativeLocation"
type="aixm:CodeAirspacePointPositionType" nillable="true"
minOccurs="0"/>
        <element name="containingAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
            <element name="location_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="location_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
            <element name="location_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
            <element name="location_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
            <element name="location_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
        </choice>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="SpecialDatePropertyGroup">
    <sequence>
        <element name="type" type="aixm:CodeSpecialDateType"
nillable="true" minOccurs="0"/>
        <element name="dateDay" type="aixm:DateMonthDayType"
nillable="true" minOccurs="0"/>
        <element name="dateYear" type="aixm:DateYearType"
nillable="true" minOccurs="0"/>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="authority"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>

```

```

        <element name="type"
type="aixm:CodeSpecialNavigationStationType" nillable="true"
minOccurs="0"/>
            <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
                <element name="emission"
type="aixm:CodeRadioEmissionType" nillable="true" minOccurs="0"/>
                    <element name="systemChain"
type="aixm:SpecialNavigationSystemPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                        <element name="responsibleOrganisation"
type="aixm:AuthorityForSpecialNavigationStationPropertyType"
nillable="true" minOccurs="0" maxOccurs="1"/>
                            <element name="position"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                                <element name="availability"
type="aixm:SpecialNavigationStationStatusPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                        </sequence>
                                    </group>
                                <group name="SpecialNavigationStationStatusPropertyGroup">
                                    <sequence>
                                        <element name="operationalStatus"
type="aixm:CodeStatusNavaidType" nillable="true" minOccurs="0"/>
                                            </sequence>
                                    </group>
                                <group name="SpecialNavigationSystemPropertyGroup">
                                    <sequence>
                                        <element name="type"
type="aixm:CodeSpecialNavigationSystemType" nillable="true"
minOccurs="0"/>
                                            <element name="designator"
type="aixm:CodeSpecialNavigationChainDesignatorType" nillable="true"
minOccurs="0"/>
                                                <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
                                                <element name="responsibleOrganisation"
type="aixm:AuthorityForSpecialNavigationSystemPropertyType"
nillable="true" minOccurs="0" maxOccurs="1"/>
                                                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                                        </sequence>
                                    </group>
                                <group name="StandardInstrumentArrivalPropertyGroup">
                                    <sequence>
                                        <group ref="aixm:ProcedurePropertyGroup"
minOccurs="0"/>
                                            <element name="designator"
type="aixm:TextSIDSTARDesignatorType" nillable="true"
minOccurs="0"/>

```

```

        <element name="arrival"
type="aixm:LandingTakeoffAreaCollectionPropertyType" nillable="true"
| minOccurs="0" maxOccurs="1" />
    </sequence>
</group>
<group name="StandardInstrumentDeparturePropertyGroup">
    <sequence>
        <group ref="aixm:ProcedurePropertyGroup"
minOccurs="0"/>
            <element name="designator"
type="aixm:TextSIDSTARDesignatorType" nillable="true"
minOccurs="0"/>
                <element name="contingencyRoute"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                <element name="takeoff"
type="aixm:LandingTakeoffAreaCollectionPropertyType" nillable="true"
| minOccurs="0" maxOccurs="1" />
            </sequence>
        </group>
        <group name="StandardLevelColumnPropertyGroup">
            <sequence>
                <element name="series"
type="aixm:CodeLevelSeriesType" nillable="true" minOccurs="0"/>
                <element name="unitOfMeasurement"
type="aixm:FromDistanceVerticalTypeCodeDistanceVerticalUomType" nillable="true" minOccurs="0"/>
                    <element name="separation" type="aixm:CodeRVSMTYPE" nillable="true" minOccurs="0"/>
                    <element name="level"
type="aixm:StandardLevelPropertyType" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                        <element name="levelTable"
type="aixm:StandardLevelTablePropertyType" nillable="true"
| minOccurs="0" maxOccurs="1" />
                            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                        </sequence>
                    </group>
                    <group name="StandardLevelPropertyGroup">
                        <sequence>
                            <element name="verticalDistance"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                            <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                        </sequence>
                    </group>
                    <group name="StandardLevelSectorPropertyGroup">
                        <sequence>
                            <element name="flightRule"
type="aixm:CodeFlightRuleType" nillable="true" minOccurs="0"/>
                            <element name="fromTrack" type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                                <element name="toTrack" type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                        </sequence>
                    </group>
                </sequence>
            </group>
        </sequence>
    </group>

```

Comment [PE11]: Change approved with AIXM-146

```

        <element name="angleType"
type="aixm:CodeNorthReferenceType" nillable="true" minOccurs="0"/>
            <element name="applicableAirspace"
type="aixm:Airspace.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="applicableLevelColumn"
type="aixm:StandardLevelColumn.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                    <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
        <group name="StandardLevelTable.PropertyTypeGroup">
            <sequence>
                <element name="name"
type="aixm:CodeLevelTableDesignatorType" nillable="true"
minOccurs="0"/>
                    <element name="standardICAO"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                        <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    </sequence>
            </group>
        <group name="StandMarking.PropertyTypeGroup">
            <sequence>
                <group ref="aixm:Marking.PropertyTypeGroup"
minOccurs="0"/>
                    <element name="markedStand"
type="aixm:AircraftStand.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1" />
                </sequence>
            </group>
        <group name="SurfaceCharacteristics.PropertyTypeGroup">
            <sequence>
                <element name="composition"
type="aixm:CodeSurfaceCompositionType" nillable="true"
minOccurs="0"/>
                    <element name="preparation"
type="aixm:CodeSurfacePreparationType" nillable="true"
minOccurs="0"/>
                        <element name="surfaceCondition"
type="aixm:CodeSurfaceConditionType" nillable="true" minOccurs="0"/>
                            <element name="classPCN" type="aixm:ValPCNTYPE"
nillable="true" minOccurs="0"/>
                                <element name="pavementTypePCN"
type="aixm:CodePCNPavementType" nillable="true" minOccurs="0"/>
                                    <element name="pavementSubgradePCN"
type="aixm:CodePCNSubgradeType" nillable="true" minOccurs="0"/>
                                        <element name="maxTyrePressurePCN"
type="aixm:CodePCNTyrePressureType" nillable="true" minOccurs="0"/>
                                            <element name="evaluationMethodPCN"
type="aixm:CodePCNMethodType" nillable="true" minOccurs="0"/>
                                                <element name="classLCN" type="aixm:ValLCNTYPE"
nillable="true" minOccurs="0"/>

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```

        <element name="weightSIWL" type="aixm:ValWeightType"
nillable="true" minOccurs="0"/>
        <element name="tyrePressureSIWL"
type="aixm:ValPressureType" nillable="true" minOccurs="0"/>
        <element name="weightAUW" type="aixm:ValWeightType"
nillable="true" minOccurs="0"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="SurfaceContaminationLayerPropertyGroup">
    <sequence>
        <element name="layerOrder"
type="aixm:NoSequenceType" nillable="true" minOccurs="0"/>
        <element name="type"
type="aixm:CodeContaminationType" nillable="true" minOccurs="0"/>
        <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="SurfaceContaminationPropertyGroup">
    <sequence>
        <element name="observationTime"
type="aixm:DateTimeType" nillable="true" minOccurs="0"/>
        <element name="depth" type="aixm:ValDepthType"
nillable="true" minOccurs="0"/>
        <element name="frictionCoefficient"
type="aixm:ValFrictionType" nillable="true" minOccurs="0"/>
        <element name="frictionEstimation"
type="aixm:CodeFrictionEstimateType" nillable="true" minOccurs="0"/>
        <element name="frictionDevice"
type="aixm:CodeFrictionDeviceType" nillable="true" minOccurs="0"/>
        <element name="obscuredLights"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="furtherClearanceTime"
type="aixm:TimeType" nillable="true" minOccurs="0"/>
        <element name="furtherTotalClearance"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="nextObservationTime"
type="aixm:DateTimeType" nillable="true" minOccurs="0"/>
        <element name="proportion"
type="aixm:ValPercentType" nillable="true" minOccurs="0"/>
        <element name="criticalRidge"
type="aixm:RidgePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="layer"
type="aixm:SurfaceContaminationLayer.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>

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        </sequence>
    </group>
    <group name="SurfacePropertyGroup">
        <sequence>
            <element name="horizontalAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="SurveillanceGroundStationPropertyGroup">
        <sequence>
            <element name="videoMap" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="theUnit" type="aixm:Unit.PropertyType"
minOccurs="0"/>
        </sequence>
    </group>
    <group name="SurveillanceRadarPropertyGroup">
        <sequence>
            <group ref="aixm:RadarEquipmentPropertyGroup"
minOccurs="0"/>
            <element name="verticalCoverageAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
            <element name="verticalCoverageDistance"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
            <element name="verticalCoverageAzimuth"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
            <element name="antennaTiltFixed"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="tiltAngle" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
            <element name="automatedRadarTerminalSystem"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
            <element name="groundStation"
type="aixm:SurveillanceGroundStation.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="SurveyControlPointPropertyGroup">
        <sequence>
            <element name="designator" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
            <element name="associatedAirportHeliport"
type="aixm:AirportHeliport.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>maxOccurs="1"/>

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        </sequence>
    </group>
<group name="TACANPropertyGroup">
    <sequence>
        <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
            <element name="channel"
type="aixm:CodeTACANChannelType" nillable="true" minOccurs="0"/>
            <element name="declination"
type="aixm:ValMagneticVariationType" nillable="true" minOccurs="0"/>
        </sequence>
    </group>
<group name="TaxiHoldingPositionLightSystemPropertyGroup">
    <sequence>
        <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0"/>
            <element name="type"
type="aixm:CodeLightHoldingPositionType" nillable="true"
minOccurs="0"/>
            <element name="taxiHolding"
type="aixm:TaxiHoldingPositionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        </sequence>
    </group>
<group name="TaxiHoldingPositionMarkingPropertyGroup">
    <sequence>
        <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
            <element name="markedTaxiHold"
type="aixm:TaxiHoldingPositionPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        </sequence>
    </group>
<group name="TaxiHoldingPositionPropertyGroup">
    <sequence>
        <element name="landingCategory"
type="aixm:CodeHoldingCategoryType" nillable="true" minOccurs="0"/>
        <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0"/>
        <element name="associatedGuidanceLine"
type="aixm:GuidanceLinePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="protectedRunway"
type="aixm:RunwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                    <element name="annotation"
type="aixm>NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                </sequence>
            </group>
<group name="TaxiwayContaminationPropertyGroup">
    <sequence>

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        <element name="clearedWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="TaxiwayElementPropertyGroup">
    <sequence>
        <element name="type"
type="aixm:CodeTaxiwayElementType" nillable="true" minOccurs="0"/>
        <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="gradeSeparation"
type="aixm:CodeGradeSeparationType" nillable="true" minOccurs="0"/>
        <element name="surfaceProperties"
type="aixm:SurfaceCharacteristics.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
            <element name="associatedTaxiway"
type="aixm:Taxiway.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                <element name="extent"
type="aixm:ElevatedSurface.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1">
                    <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="availability"
type="aixm:ManoeuvringAreaAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                </sequence>
            </group>
            <group name="TaxiwayLightSystemPropertyGroup">
                <sequence>
                    <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0"/>
                    <element name="position"
type="aixm:CodeTaxiwaySectionType" nillable="true" minOccurs="0"/>
                    <element name="lightedTaxiway"
type="aixm:Taxiway.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                </sequence>
            </group>
            <group name="TaxiwayMarkingPropertyGroup">
                <sequence>
                    <group ref="aixm:Marking.PropertyType"
minOccurs="0"/>
                    <element name="markingLocation"
type="aixm:CodeTaxiwaySectionType" nillable="true" minOccurs="0"/>
                    <element name="markedTaxiway"
type="aixm:Taxiway.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                    <element name="markedElement"
type="aixm:TaxiwayElement.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1">
                </sequence>
            </group>
        </sequence>
    </group>

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```

<group name="TaxiwayPropertyGroup">
    <sequence>
        <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
        <element name="type" type="aixm:CodeTaxiwayType"
nillable="true" minOccurs="0"/>
        <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="widthShoulder"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="abandoned" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="surfaceProperties"
type="aixm:SurfaceCharacteristics.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="associatedAirportHeliport"
type="aixm:AirportHeliport.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
        <element name="contaminant"
type="aixm:TaxiwayContamination.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
        <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        <element name="availability"
type="aixm:ManoeuvringAreaAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="TelephoneContactPropertyGroup">
    <sequence>
        <element name="voice" type="aixm:TextPhoneType"
nillable="true" minOccurs="0"/>
        <element name="facsimile" type="aixm:TextPhoneType"
nillable="true" minOccurs="0"/>
    </sequence>
</group>
<group name="TerminalArrivalAreaPropertyGroup">
    <sequence>
        <element name="arrivalAreaType"
type="aixm:CodeTAAType" nillable="true" minOccurs="0"/>
        <element name="outerBufferWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <element name="lateralBufferWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
        <choice>
            <element name="IF_fixDesignatedPoint"
type="aixm:DesignatedPoint.PropertyType" nillable="true"
minOccurs="0"/>
            <element name="IF_navaidSystem"
type="aixm:Navaid.PropertyType" nillable="true" minOccurs="0"/>
                <element name="IF_position"
type="aixm:Point.PropertyType" nillable="true" minOccurs="0"/>

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<element name="IF_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
<element name="IF_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
<element name="IF_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
<element name="IF_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
<element name="IF_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
</choice>
<choice>
<element name="IAF_fixDesignatedPoint"
type="aixm:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
<element name="IAF_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
<element name="IAF_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
<element name="IAF_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
<element name="IAF_runwayPoint"
type="aixm:RunwayCentrelinePointPropertyType" nillable="true"
minOccurs="0"/>
<element name="IAF_aimingPoint"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0"/>
<element name="IAF_airportReferencePoint"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0"/>
<element name="IAF_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
</choice>
<element name="buffer"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
<element name="sector"
type="aixm:TerminalArrivalAreaSectorPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
<element name="approachRNAV"
type="aixm:InstrumentApproachProcedurePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
<element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
</sequence>
</group>
<group name="TerminalArrivalAreaSectorPropertyGroup">
<sequence>
<element name="flyByCode" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>

```

```

        <element name="procedureTurnRequired"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
        <element name="altitudeDescription"
type="aixm:CodeAltitudeUseType" nillable="true" minOccurs="0" />
        <element name="sectorDefinition"
type="aixm:CircleSectorPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"maxOccurs="1"

```

```

        <element name="endTimeRelativeEvent"
type="aixm:ValDurationType" nillable="true" minOccurs="0"/>
            <element name="endEventInterpretation"
type="aixm:CodeTimeEventCombinationType" nillable="true"
minOccurs="0"/>
                <element name="daylightSavingAdjust"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                    <element name="excluded" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                        <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                            </sequence>
                    </group>
                <group name="TouchDownLiftOffContaminationPropertyGroup">
                    <sequence/>
                </group>
                <group name="TouchDownLiftOffLightSystemPropertyGroup">
                    <sequence>
                        <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0"/>
                            <element name="position"
type="aixm:CodeTLOFSectionType" nillable="true" minOccurs="0"/>
                            <element name="lightedTouchDownLiftOff"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                        </sequence>
                    </group>
                <group name="TouchDownLiftOffMarkingPropertyGroup">
                    <sequence>
                        <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
                            <element name="markingLocation"
type="aixm:CodeTLOFSectionType" nillable="true" minOccurs="0"/>
                            <element name="markedTouchDownLiftOff"
type="aixm:TouchDownLiftOffPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                        </sequence>
                    </group>
                <group name="TouchDownLiftOffPropertyGroup">
                    <sequence>
                        <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
                            <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                            <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                            <element name="slope" type="aixm:ValSlopeType"
nillable="true" minOccurs="0"/>
                            <element name="helicopterClass"
type="aixm:CodeHelicopterPerformanceType" nillable="true"
minOccurs="0"/>
                            <element name="abandoned" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                    </sequence>
                </group>
            </group>
        </sequence>
    </group>

```

```

        <element name="aimingPoint"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"_
maxOccurs="1"/>
            <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="surfaceProperties"
type="aixm:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="associatedAirportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                        <element name="approachTakeOffArea"
type="aixm:RunwayPropertyType" nillable="true" minOccurs="0"_
maxOccurs="1"/>
                            <element name="contaminant"
type="aixm:TouchDownLiftOffContaminationPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                                <element name="annotation"
type="aixm:Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                    <element name="availability"
type="aixm:ManoeuvringAreaAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                                </sequence>
                            </group>
                            <group name="TouchDownLiftOffSafeAreaPropertyGroup">
                                <sequence>
                                    <group
ref="aixm:AirportHeliportProtectionAreaPropertyGroup"
minOccurs="0"/>
                                        <element name="protectedTouchDownLiftOff"
type="aixm:TouchDownLiftOff.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                                    </sequence>
                            </group>
                            <group name="TrafficSeparationServicePropertyGroup">
                                <sequence>
                                    <group ref="aixm:ServicePropertyGroup"
minOccurs="0"/>
                                        <element name="radarAssisted"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                        <element name="dataLinkEnabled"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0" />
                                        <element name="dataLinkChannel"
type="aixm:CodeCommunicationChannelType" nillable="true"
minOccurs="0" />
                                    </sequence>
                            </group>
                            <group name="UnitAvailabilityPropertyGroup">
                                <sequence>
                                    <element name="operationalStatus"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0" />
                                </sequence>
                            </group>
                            <group name="UnitDependencyPropertyGroup">

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        <sequence>
            <element name="type"
type="aixm:CodeUnitDependencyType" nillable="true" minOccurs="0"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="theUnit" type="aixm:Unit.PropertyType"
minOccurs="0"/>
        </sequence>
    </group>
    <group name="UnitPropertyGroup">
        <sequence>
            <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
            <element name="type" type="aixm:CodeUnitType"
nillable="true" minOccurs="0"/>
            <element name="compliantICAO"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="designator"
type="aixm:CodeOrganisationDesignatorType" nillable="true"
minOccurs="0"/>
            <element name="military"
type="aixm:CodeMilitaryOperationsType" nillable="true"
minOccurs="0"/>
            <element name="position"
type="aixm:ElevatedPoint.PropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            <element name="airportLocation"
type="aixm:AeroportHeliport.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
            <element name="ownerOrganisation"
type="aixm:OrganisationAuthority.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
            <element name="contact"
type="aixm>ContactInformation.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="relatedUnit"
type="aixm:UnitDependency.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="availability"
type="aixm:UnitAvailability.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm>Note.PropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="UnplannedHoldingPropertyGroup">
        <sequence>
            <element name="unplannedHolding"
type="aixm:CodeApprovalType" nillable="true" minOccurs="0"/>
            <element name="authorizedAltitude"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
            <element name="altitudeReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>

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        <element name="controlledAirspace"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            <element name="holdingPoint"
type="aixm:SegmentPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    </sequence>
            </group>
            <group name="UsageConditionPropertyGroup">
                <sequence>
                    <element name="type"
type="aixm:CodeUsageLimitationType" nillable="true" minOccurs="0"/>
                    <element name="priorPermission"
type="aixm:ValDurationType" nillable="true" minOccurs="0"/>
                    <element name="contact"
type="aixm:ContactInformation.PropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                        <element name="selection"
type="aixm:ConditionCombination.PropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                </sequence>
            </group>
            <group name="VerticalStructureLightingStatusPropertyGroup">
                <sequence>
                    <element name="status"
type="aixm:CodeStatusOperationsType" nillable="true" minOccurs="0"/>
                </sequence>
            </group>
            <group name="VerticalStructurePartPropertyGroup">
                <sequence>
                    <element name="verticalExtent"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="verticalExtentAccuracy"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
                    <element name="type"
type="aixm:CodeVerticalStructureType" nillable="true"
minOccurs="0"/>
                    <element name="constructionStatus"
type="aixm:CodeStatusConstructionType" nillable="true"
minOccurs="0"/>
                    <element name="markingPattern"
type="aixm:CodeVerticalStructureMarkingType" nillable="true"
minOccurs="0"/>
                    <element name="markingFirstColour"
type="aixm:CodeColourType" nillable="true" minOccurs="0"/>
                    <element name="markingSecondColour"
type="aixm:CodeColourType" nillable="true" minOccurs="0"/>
                    <element name="mobile" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                    <element name="frangible" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                </sequence>
            </group>
        </group>
    </sequence>

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```

<element name="visibleMaterial"
type="aixm:CodeVerticalStructureMaterialType" nillable="true"
minOccurs="0"/>
    <element name="designator"
type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
    <choice>
        <element name="horizontalProjection_location"
type="aixm:ElevatedPointPropertyType" nillable="true"
minOccurs="0"/>
        <element
name="horizontalProjection_linearExtent"
type="aixm:ElevatedCurvePropertyType" nillable="true"
minOccurs="0"/>
        <element
name="horizontalProjection_surfaceExtent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0"/>
        <element
name="horizontalProjection_linearExtent"
type="aixm:ElevatedCurvePropertyType" nillable="true"
minOccurs="0"/>
        <element name="horizontalProjection_location"
type="aixm:ElevatedPointPropertyType" nillable="true"
minOccurs="0"/>
    </choice>
    <element name="lighting"
type="aixm:LightElementPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
    </sequence>
</group>
<group name="VerticalStructurePropertyGroup">
    <sequence>
        <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
        <element name="type"
type="aixm:CodeVerticalStructureType" nillable="true"
minOccurs="0"/>
        <element name="lighted" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="markingICAOStandard"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="group" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
        <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="radius" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
        <element name="lightingICAOStandard"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="synchronisedLighting"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
        <element name="marker"
type="aixm:MarkerBeaconPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
    </sequence>
</group>

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        <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0" />
            <element name="type" type="aixm:CodeVORType"
nillable="true" minOccurs="0" />
                <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0" />
                <element name="zeroBearingDirection"
type="aixm:CodeNorthReferenceType" nillable="true" minOccurs="0" />
                    <element name="declination"
type="aixm:ValMagneticVariationType" nillable="true" minOccurs="0" />
                </sequence>
            </group>
        <group name="WorkareaActivityPropertyGroup" >
            <sequence>
                <element name="isActive" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0" />
            </sequence>
        </group>
        <group name="WorkAreaPropertyGroup" >
            <sequence>
                <element name="type" type="aixm:CodeWorkAreaType"
nillable="true" minOccurs="0" />
                <element name="plannedOperational"
type="aixm:DateType" nillable="true" minOccurs="0" />
                <element name="associatedAirportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                    <element name="extent"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1" />
                        <element name="activation"
type="aixm:WorkareaActivityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded" />
                            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded" />
                        </sequence>
                    </group>
                    <annotation>
                        <appinfo>
                            <gml:gmlProfileSchema>
                            </annotation>
                            <annotation>
                                <documentation>Package containing the definition of the core AIXM Features and Objects.
The AIXM Features describe real world entities and are fundamental in AIXM. AIXM features can be concrete and tangible, or abstract and

```

Comment [PE12]: Approved with
AIXM-167 (to be done at the Webex on 15 Apr)

~~eoneptual and can change in time. Features are represented as classes with a stereotype {feature}.~~

~~— The AIXM Objects are abstractions of real world entities or, more frequently, properties of these entities, which do not exist outside of a feature. Objects are represented as classes with a stereotype {object}.</documentation>~~

~~</annotation>~~

~~</schema>~~

Comment [PE13]: Unnecessary annotations that existed in the AIXM 5.1 schema.