```xml
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xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:xlink="http://www.w3.org/1999/xlink"
targetNamespace="http://www.aixm.aero/schema/5.1.1"
elementFormDefault="qualified" attributeFormDefault="unqualified"
version="5.1.1">
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schemaLocation="./ISO_19136_Schemas="http://schemas.opengis.net/gml/
3.2.1/gml.xsd"/>
    <import namespace="http://www.w3.org/1999/xlink"
schemaLocation="./="http://www.w3.org/1999/xlink/xlinks.xsd"/>
    <include schemaLocation="./AIXM_DataTypes.xsd"/>
    <include schemaLocation="./AIXM_AbstractGML_ObjectTypes.xsd"/>
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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

```xml
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```xml
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    <element name="AbstractConditionCombinationExtension"
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```xml
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```xml
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```xml
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substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="DepartureArrivalCondition"
type="aixm:DepartureArrivalConditionType"/>
      <element name="DepartureLeg" type="aixm:DepartureLegType"
substitutionGroup="aixm:AbstractSegmentLeg"/>
      <element name="DepartureLegTimeSlice"
type="aixm:DepartureLegTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="DesignatedPoint"
type="aixm:DesignatedPointType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="DesignatedPointTimeSlice"
type="aixm:DesignatedPointTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="DirectFlightClass"
type="aixm:DirectFlightClassType"
substitutionGroup="aixm:AbstractDirectFlight"/>
      <element name="DirectFlightSegment"
type="aixm:DirectFlightSegmentType"
substitutionGroup="aixm:AbstractDirectFlight"/>
      <element name="DirectionFinder"
type="aixm:DirectionFinderType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
      <element name="DirectionFinderTimeSlice"
type="aixm:DirectionFinderTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="DistanceIndication"
type="aixm:DistanceIndicationType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="DistanceIndicationTimeSlice"
type="aixm:DistanceIndicationTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="DME" type="aixm:DMEType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
```

```xml
      <element name="DMETimeSlice" type="aixm:DMETimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="ElevatedCurve" type="aixm:ElevatedCurveType"
substitutionGroup="aixm:Curve"/>
      <element name="ElevatedPoint" type="aixm:ElevatedPointType"
substitutionGroup="aixm:Point"/>
      <element name="ElevatedSurface"
type="aixm:ElevatedSurfaceType" substitutionGroup="aixm:Surface"/>
      <element name="Elevation" type="aixm:ElevationType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
      <element name="ElevationTimeSlice"
type="aixm:ElevationTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="EnRouteSegmentPoint"
type="aixm:EnRouteSegmentPointType"
substitutionGroup="aixm:AbstractSegmentPoint"/>
      <element name="EquipmentUnavailableAdjustment"
type="aixm:EquipmentUnavailableAdjustmentType"/>
      <element name="EquipmentUnavailableAdjustmentColumn"
type="aixm:EquipmentUnavailableAdjustmentColumnType"/>
      <element name="FASDataBlock" type="aixm:FASDataBlockType"/>
      <element name="FinalLeg" type="aixm:FinalLegType"
substitutionGroup="aixm:AbstractApproachLeg"/>
      <element name="FinalLegTimeSlice"
type="aixm:FinalLegTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="FinalProfile" type="aixm:FinalProfileType"/>
      <element name="FireFightingService"
type="aixm:FireFightingServiceType"
substitutionGroup="aixm:AbstractAirportGroundService"/>
      <element name="FireFightingServiceTimeSlice"
type="aixm:FireFightingServiceTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="FlightCharacteristic"
type="aixm:FlightCharacteristicType"/>
      <element name="FlightConditionCircumstance"
type="aixm:FlightConditionCircumstanceType"/>
      <element name="FlightConditionCombination"
type="aixm:FlightConditionCombinationType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="FlightConditionElement"
type="aixm:FlightConditionElementType"/>
      <element name="FlightRestriction"
type="aixm:FlightRestrictionType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="FlightRestrictionLevel"
type="aixm:FlightRestrictionLevelType"/>
      <element name="FlightRestrictionRoute"
type="aixm:FlightRestrictionRouteType"/>
      <element name="FlightRestrictionTimeSlice"
type="aixm:FlightRestrictionTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="FlightRoutingElement"
type="aixm:FlightRoutingElementType"/>
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```xml
      <element name="FloatingDockSite"
type="aixm:FloatingDockSiteType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="FloatingDockSiteTimeSlice"
type="aixm:FloatingDockSiteTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Fuel" type="aixm:FuelType"/>
      <element name="GeoBorder" type="aixm:GeoBorderType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="GeoBorderTimeSlice"
type="aixm:GeoBorderTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Glidepath" type="aixm:GlidepathType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
      <element name="GlidepathTimeSlice"
type="aixm:GlidepathTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="GroundLightingAvailability"
type="aixm:GroundLightingAvailabilityType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="GroundTrafficControlService"
type="aixm:GroundTrafficControlServiceType"
substitutionGroup="aixm:AbstractTrafficSeparationService"/>
      <element name="GroundTrafficControlServiceTimeSlice"
type="aixm:GroundTrafficControlServiceTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="GuidanceLine" type="aixm:GuidanceLineType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="GuidanceLineLightSystem"
type="aixm:GuidanceLineLightSystemType"
substitutionGroup="aixm:AbstractGroundLightSystem"/>
      <element name="GuidanceLineLightSystemTimeSlice"
type="aixm:GuidanceLineLightSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="GuidanceLineMarking"
type="aixm:GuidanceLineMarkingType"
substitutionGroup="aixm:AbstractMarking"/>
      <element name="GuidanceLineMarkingTimeSlice"
type="aixm:GuidanceLineMarkingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="GuidanceLineTimeSlice"
type="aixm:GuidanceLineTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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type="aixm:HoldingAssessmentType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="HoldingAssessmentTimeSlice"
type="aixm:HoldingAssessmentTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="HoldingPattern" type="aixm:HoldingPatternType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="HoldingPatternDistance"
type="aixm:HoldingPatternDistanceType"/>
      <element name="HoldingPatternDuration"
type="aixm:HoldingPatternDurationType"/>
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```xml
    <element name="HoldingPatternTimeSlice"
type="aixm:HoldingPatternTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="HoldingUse" type="aixm:HoldingUseType"/>
    <element name="InformationService"
type="aixm:InformationServiceType"
substitutionGroup="aixm:AbstractService"/>
    <element name="InformationServiceTimeSlice"
type="aixm:InformationServiceTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="InitialLeg" type="aixm:InitialLegType"
substitutionGroup="aixm:AbstractApproachLeg"/>
    <element name="InitialLegTimeSlice"
type="aixm:InitialLegTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="InstrumentApproachProcedure"
type="aixm:InstrumentApproachProcedureType"
substitutionGroup="aixm:AbstractProcedure"/>
    <element name="InstrumentApproachProcedureTimeSlice"
type="aixm:InstrumentApproachProcedureTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="IntermediateLeg"
type="aixm:IntermediateLegType"
substitutionGroup="aixm:AbstractApproachLeg"/>
    <element name="IntermediateLegTimeSlice"
type="aixm:IntermediateLegTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="LandingTakeoffAreaCollection"
type="aixm:LandingTakeoffAreaCollectionType"/>
    <element name="LightActivation"
type="aixm:LightActivationType"/>
    <element name="LightElement" type="aixm:LightElementType"/>
    <element name="LightElementStatus"
type="aixm:LightElementStatusType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
    <element name="LinguisticNote"
type="aixm:LinguisticNoteType"/>
    <element name="Localizer" type="aixm:LocalizerType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
    <element name="LocalizerTimeSlice"
type="aixm:LocalizerTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="ManoeuvringAreaAvailability"
type="aixm:ManoeuvringAreaAvailabilityType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
    <element name="ManoeuvringAreaUsage"
type="aixm:ManoeuvringAreaUsageType"
substitutionGroup="aixm:AbstractUsageCondition"/>
    <element name="MarkerBeacon" type="aixm:MarkerBeaconType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
    <element name="MarkerBeaconTimeSlice"
type="aixm:MarkerBeaconTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="MarkingBuoy" type="aixm:MarkingBuoyType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
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      <element name="MarkingBuoyTimeSlice"
type="aixm:MarkingBuoyTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="MarkingElement"
type="aixm:MarkingElementType"/>
      <element name="Meteorology" type="aixm:MeteorologyType"/>
      <element name="Minima" type="aixm:MinimaType"/>
      <element name="MissedApproachGroup"
type="aixm:MissedApproachGroupType"/>
      <element name="MissedApproachLeg"
type="aixm:MissedApproachLegType"
substitutionGroup="aixm:AbstractApproachLeg"/>
      <element name="MissedApproachLegTimeSlice"
type="aixm:MissedApproachLegTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Navaid" type="aixm:NavaidType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="NavaidComponent"
type="aixm:NavaidComponentType"/>
      <element name="NavaidEquipmentDistance"
type="aixm:NavaidEquipmentDistanceType"/>
      <element name="NavaidEquipmentMonitoring"
type="aixm:NavaidEquipmentMonitoringType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="NavaidOperationalStatus"
type="aixm:NavaidOperationalStatusType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="NavaidTimeSlice"
type="aixm:NavaidTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="NavigationArea" type="aixm:NavigationAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="NavigationAreaRestriction"
type="aixm:NavigationAreaRestrictionType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="NavigationAreaRestrictionTimeSlice"
type="aixm:NavigationAreaRestrictionTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="NavigationAreaSector"
type="aixm:NavigationAreaSectorType"/>
      <element name="NavigationAreaTimeSlice"
type="aixm:NavigationAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="NDB" type="aixm:NDBType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
      <element name="NDBTimeSlice" type="aixm:NDBTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Nitrogen" type="aixm:NitrogenType"/>
      <element name="NonMovementArea"
type="aixm:NonMovementAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="NonMovementAreaTimeSlice"
type="aixm:NonMovementAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Note" type="aixm:NoteType"/>
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```xml
      <element name="ObstacleArea" type="aixm:ObstacleAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="ObstacleAreaTimeSlice"
type="aixm:ObstacleAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="ObstacleAssessmentArea"
type="aixm:ObstacleAssessmentAreaType"/>
      <element name="ObstaclePlacement"
type="aixm:ObstaclePlacementType"/>
      <element name="Obstruction" type="aixm:ObstructionType"/>
      <element name="Oil" type="aixm:OilType"/>
      <element name="OnlineContact" type="aixm:OnlineContactType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="OrganisationAuthority"
type="aixm:OrganisationAuthorityType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="OrganisationAuthorityAssociation"
type="aixm:OrganisationAuthorityAssociationType"/>
      <element name="OrganisationAuthorityTimeSlice"
type="aixm:OrganisationAuthorityTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Oxygen" type="aixm:OxygenType"/>
      <element name="PassengerLoadingBridge"
type="aixm:PassengerLoadingBridgeType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="PassengerLoadingBridgeTimeSlice"
type="aixm:PassengerLoadingBridgeTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="PassengerService"
type="aixm:PassengerServiceType"
substitutionGroup="aixm:AbstractAirportGroundService"/>
      <element name="PassengerServiceTimeSlice"
type="aixm:PassengerServiceTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="PilotControlledLighting"
type="aixm:PilotControlledLightingType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="PilotControlledLightingTimeSlice"
type="aixm:PilotControlledLightingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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substitutionGroup="gml:Point"/>
      <element name="PointReference"
type="aixm:PointReferenceType"/>
      <element name="PostalAddress" type="aixm:PostalAddressType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="PrecisionApproachRadar"
type="aixm:PrecisionApproachRadarType"
substitutionGroup="aixm:AbstractRadarEquipment"/>
      <element name="PrecisionApproachRadarTimeSlice"
type="aixm:PrecisionApproachRadarTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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type="aixm:PrimarySurveillanceRadarType"
substitutionGroup="aixm:AbstractSurveillanceRadar"/>
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```xml
    <element name="PrimarySurveillanceRadarTimeSlice"
type="aixm:PrimarySurveillanceRadarTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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type="aixm:ProcedureAvailabilityType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
    <element name="ProcedureDME" type="aixm:ProcedureDMEType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="ProcedureDMETimeSlice"
type="aixm:ProcedureDMETimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="ProcedureTransition"
type="aixm:ProcedureTransitionType"/>
    <element name="ProcedureTransitionLeg"
type="aixm:ProcedureTransitionLegType"/>
    <element name="RadarComponent"
type="aixm:RadarComponentType"/>
    <element name="RadarSystem" type="aixm:RadarSystemType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RadarSystemTimeSlice"
type="aixm:RadarSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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type="aixm:RadioCommunicationChannelType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RadioCommunicationChannelTimeSlice"
type="aixm:RadioCommunicationChannelTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="RadioCommunicationOperationalStatus"
type="aixm:RadioCommunicationOperationalStatusType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
    <element name="RadioFrequencyArea"
type="aixm:RadioFrequencyAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RadioFrequencyAreaTimeSlice"
type="aixm:RadioFrequencyAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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    <element name="Ridge" type="aixm:RidgeType"/>
    <element name="Road" type="aixm:RoadType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RoadTimeSlice" type="aixm:RoadTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="Route" type="aixm:RouteType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RouteAvailability"
type="aixm:RouteAvailabilityType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
    <element name="RouteDME" type="aixm:RouteDMEType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RouteDMETimeSlice"
type="aixm:RouteDMETimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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    <element name="RouteSegment" type="aixm:RouteSegmentType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
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```xml
      <element name="RouteSegmentTimeSlice"
type="aixm:RouteSegmentTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RouteTimeSlice" type="aixm:RouteTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RulesProcedures"
type="aixm:RulesProceduresType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="RulesProceduresTimeSlice"
type="aixm:RulesProceduresTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="Runway" type="aixm:RunwayType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="RunwayBlastPad" type="aixm:RunwayBlastPadType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="RunwayBlastPadTimeSlice"
type="aixm:RunwayBlastPadTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RunwayCentrelinePoint"
type="aixm:RunwayCentrelinePointType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="RunwayCentrelinePointTimeSlice"
type="aixm:RunwayCentrelinePointTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RunwayContamination"
type="aixm:RunwayContaminationType"
substitutionGroup="aixm:AbstractSurfaceContamination"/>
      <element name="RunwayDeclaredDistance"
type="aixm:RunwayDeclaredDistanceType"/>
      <element name="RunwayDeclaredDistanceValue"
type="aixm:RunwayDeclaredDistanceValueType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="RunwayDirection"
type="aixm:RunwayDirectionType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="RunwayDirectionLightSystem"
type="aixm:RunwayDirectionLightSystemType"
substitutionGroup="aixm:AbstractGroundLightSystem"/>
      <element name="RunwayDirectionLightSystemTimeSlice"
type="aixm:RunwayDirectionLightSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RunwayDirectionTimeSlice"
type="aixm:RunwayDirectionTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RunwayElement" type="aixm:RunwayElementType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="RunwayElementTimeSlice"
type="aixm:RunwayElementTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="RunwayMarking" type="aixm:RunwayMarkingType"
substitutionGroup="aixm:AbstractMarking"/>
      <element name="RunwayMarkingTimeSlice"
type="aixm:RunwayMarkingTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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```xml
    <element name="RunwayProtectArea"
type="aixm:RunwayProtectAreaType"
substitutionGroup="aixm:AbstractAirportHeliportProtectionArea"/>
    <element name="RunwayProtectAreaLightSystem"
type="aixm:RunwayProtectAreaLightSystemType"
substitutionGroup="aixm:AbstractGroundLightSystem"/>
    <element name="RunwayProtectAreaLightSystemTimeSlice"
type="aixm:RunwayProtectAreaLightSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="RunwayProtectAreaTimeSlice"
type="aixm:RunwayProtectAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="RunwaySectionContamination"
type="aixm:RunwaySectionContaminationType"
substitutionGroup="aixm:AbstractSurfaceContamination"/>
    <element name="RunwayTimeSlice"
type="aixm:RunwayTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="RunwayVisualRange"
type="aixm:RunwayVisualRangeType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="RunwayVisualRangeTimeSlice"
type="aixm:RunwayVisualRangeTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="SafeAltitudeArea"
type="aixm:SafeAltitudeAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="SafeAltitudeAreaSector"
type="aixm:SafeAltitudeAreaSectorType"/>
    <element name="SafeAltitudeAreaTimeSlice"
type="aixm:SafeAltitudeAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="SDF" type="aixm:SDFType"
substitutionGroup="aixm:AbstractNavaidEquipment"/>
    <element name="SDFTimeSlice" type="aixm:SDFTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="SeaplaneLandingArea"
type="aixm:SeaplaneLandingAreaType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="SeaplaneLandingAreaTimeSlice"
type="aixm:SeaplaneLandingAreaTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="SeaplaneRampSite"
type="aixm:SeaplaneRampSiteType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="SeaplaneRampSiteTimeSlice"
type="aixm:SeaplaneRampSiteTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="SearchRescueService"
type="aixm:SearchRescueServiceType"
substitutionGroup="aixm:AbstractService"/>
    <element name="SearchRescueServiceTimeSlice"
type="aixm:SearchRescueServiceTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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```xml
      <element name="SecondarySurveillanceRadar"
type="aixm:SecondarySurveillanceRadarType"
substitutionGroup="aixm:AbstractSurveillanceRadar"/>
      <element name="SecondarySurveillanceRadarTimeSlice"
type="aixm:SecondarySurveillanceRadarTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="SectorDesign" type="aixm:SectorDesignType"/>
      <element name="ServiceOperationalStatus"
type="aixm:ServiceOperationalStatusType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="SignificantPointInAirspace"
type="aixm:SignificantPointInAirspaceType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="SignificantPointInAirspaceTimeSlice"
type="aixm:SignificantPointInAirspaceTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="SpecialDate" type="aixm:SpecialDateType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="SpecialDateTimeSlice"
type="aixm:SpecialDateTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="SpecialNavigationStation"
type="aixm:SpecialNavigationStationType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="SpecialNavigationStationStatus"
type="aixm:SpecialNavigationStationStatusType"
substitutionGroup="aixm:AbstractPropertiesWithSchedule"/>
      <element name="SpecialNavigationStationTimeSlice"
type="aixm:SpecialNavigationStationTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="SpecialNavigationSystem"
type="aixm:SpecialNavigationSystemType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
      <element name="SpecialNavigationSystemTimeSlice"
type="aixm:SpecialNavigationSystemTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="StandardInstrumentArrival"
type="aixm:StandardInstrumentArrivalType"
substitutionGroup="aixm:AbstractProcedure"/>
      <element name="StandardInstrumentArrivalTimeSlice"
type="aixm:StandardInstrumentArrivalTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
      <element name="StandardInstrumentDeparture"
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"
substitutionGroup="aixm:AbstractAIXMFeature"/>
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type="aixm:StandardLevelColumnTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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```xml
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type="aixm:StandardLevelSectorType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="StandardLevelSectorTimeSlice"
type="aixm:StandardLevelSectorTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
    <element name="StandardLevelTable"
type="aixm:StandardLevelTableType"
substitutionGroup="aixm:AbstractAIXMFeature"/>
    <element name="StandardLevelTableTimeSlice"
type="aixm:StandardLevelTableTimeSliceType"
substitutionGroup="gml:AbstractTimeSlice"/>
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```xml
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ref="gml:OwnershipAttributeGroup"/>
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```xml
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        <attributeGroup ref="gml:AssociationAttributeGroup"/>
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ref="aixm:AbstractAirportHeliportProtectionAreaExtension"/>
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```xml
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```xml
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```xml
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```xml
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```xml
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```xml
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                                    <attributeGroup
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```

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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"
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                <element name="refuellingBaseLevel"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
                <element name="refuellingBaseLevelReference"
type="aixm:CodeVerticalReferenceType" nillable="true"
minOccurs="0"/>
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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"/>
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type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
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minOccurs="0"/>
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type="aixm:TextDesignatorType" nillable="true" minOccurs="0"/>
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minOccurs="0"/>
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nillable="true" minOccurs="0"/>
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type="aixm:NoNumberType" nillable="true" minOccurs="0"/>
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type="aixm:CodeTACANChannelType" nillable="true" minOccurs="0"/>
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type="aixm:CodeTACANChannelType" nillable="true" minOccurs="0"/>
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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 geneauration, as in case a specific maximum multiplicity is used, the maxoccurs takes that specific value.

```xml
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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"/>
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                <element name="protectingAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="track"
type="aixm:AerialRefuellingTrackPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
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type="aixm:AerialRefuellingAnchorPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
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type="aixm:AerialRefuellingPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
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type="aixm:AuthorityForAerialRefuellingPropertyType" nillable="true"
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maxOccurs="unbounded"/>
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maxOccurs="unbounded"/>
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                <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:CodeRVSMType" 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"/>
```

```
                <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"/>
                <element name="dependentAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
        </sequence>
    </group>
    <group name="AirportHeliportContaminationPropertyGroup">
        <sequence/>
    </group>
    <group name="AirportHeliportPropertyGroup">
```

```
            <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"/>
                <element name="ARP"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                <element name="aviationBoundary"
type="aixm:ElevatedSurfacePropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="altimeterSource"
type="aixm:AltimeterSourcePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="contact"
type="aixm:ContactInformationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="availability"
type="aixm:AirportHeliportAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="AirportHeliportProtectionAreaPropertyGroup">
            <sequence>
                <element name="width" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                <element name="length" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                <element name="lighting" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                <element name="obstacleFree"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                <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"/>
            </sequence>
        </group>
        <group
name="AirportHeliportResponsibilityOrganisationPropertyGroup">
            <sequence>
                <element name="role"
type="aixm:CodeAuthorityRoleType" nillable="true" minOccurs="0"/>
```

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                <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"/>
                <element name="affectedAirport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="AirportProtectionAreaMarkingPropertyGroup">
            <sequence>
                <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
                <element name="markingLocation"
type="aixm:CodeProtectAreaSectionType" nillable="true"
minOccurs="0"/>
                <element name="markedProtectionArea"
type="aixm:AirportHeliportProtectionAreaPropertyType"
nillable="true" minOccurs="0" maxOccurs="1"/>
            </sequence>
        </group>
        <group name="AirportSuppliesServicePropertyGroup">
            <sequence>
                <group ref="aixm:AirportGroundServicePropertyGroup"
minOccurs="0"/>
                <element name="fuelSupply"
type="aixm:FuelPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="oilSupply"
type="aixm:OilPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="nitrogenSupply"
type="aixm:NitrogenPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="oxygenSupply"
type="aixm:OxygenPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
```

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                        </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:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                                <element name="enteredAirspace"
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="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:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                                <element name="theAirspaceVolume"
type="aixm:AirspaceVolumePropertyType" 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:AirspaceLayerPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                        </sequence>
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```xml
        </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:NotePropertyType" 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:RoutePropertyType" nillable="true" minOccurs="0"
  maxOccurs="1"/>
                  <element name="geometryComponent"
  type="aixm:AirspaceGeometryComponentPropertyType" nillable="true"
  minOccurs="0" maxOccurs="unbounded"/>
                  <element name="activation"
  type="aixm:AirspaceActivationPropertyType" nillable="true"
  minOccurs="0" maxOccurs="unbounded"/>
                  <element name="annotation"
  type="aixm:NotePropertyType" nillable="true" minOccurs="0"
  maxOccurs="unbounded"/>
```

```xml
                </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:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                        <element name="centreline"
type="aixm:CurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                        <element name="contributorAirspace"
type="aixm:AirspaceVolumeDependencyPropertyType" 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:TrafficSeparationServicePropertyGroup" 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:AirspacePropertyType" 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="clientAirspace"
type="aixm:AirspacePropertyType" 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>
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```xml
<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:NotePropertyType" 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: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="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"/>
```

```xml
                <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"/>
```

```
                    <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"/>
```

```
                <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"/>
```

```xml
                <element name="contaminant"
type="aixm:ApronContaminationPropertyType" 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="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"/>
                <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_pointExtent"
type="aixm:ElevatedPointPropertyType" nillable="true"
minOccurs="0"/>
                </choice>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="ArrivalFeederLegPropertyGroup">
            <sequence>
```

```xml
                        <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">
```

```xml
            <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>
```

```xml
        </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"/>
```

```xml
                <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"/>
```

```xml
                <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"/>
```

```xml
              <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
      </group>
      <group name="DeicingAreaMarkingPropertyGroup">
            <sequence>
                  <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
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type="aixm:DeicingAreaPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
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      </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"/>
```

```
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
    </group>
    <group name="DepartureLegPropertyGroup">
            <sequence>
                <group ref="aixm:SegmentLegPropertyGroup"
minOccurs="0"/>
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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"/>
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    </group>
    <group name="DirectFlightPropertyGroup">
            <sequence>
```

```
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
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    </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"/>
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            </sequence>
    </group>
    <group name="DirectionFinderPropertyGroup">
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```
            <sequence>
                    <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
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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"/>
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```xml
                <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"/>
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        </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>
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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"/>
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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"/>
```

```xml
                <element name="angleAccuracy"
type="aixm:ValAngleType" nillable="true" minOccurs="0"/>
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    <group name="EnRouteSegmentPointPropertyGroup">
            <sequence>
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type="aixm:CodeFreeFlightType" nillable="true" minOccurs="0"/>
                <element name="roleRVSM"
type="aixm:CodeRVSMPointRoleType" 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:NotePropertyType" 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:EquipmentUnavailableAdjustmentColumnPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
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type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
    </group>
    <group name="FASDataBlockPropertyGroup">
            <sequence>
                <element name="horizontalAlarmLimit"
type="aixm:ValAlarmLimitType" nillable="true" minOccurs="0"/>
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type="aixm:ValAlarmLimitType" nillable="true" minOccurs="0"/>
```

```
                    <element name="thresholdCourseWidth"
type="aixm:ValDistanceType" nillable="true" minOccurs="0"/>
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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"/>
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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"
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Comment [PE7]: Change approved with AIXM-146

Comment [PE8]: Change approved with AIXM-146

Comment [PE9]: Change approved with AIXM-146

```xml
                 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>
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type="aixm:TerminalSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
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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"/>
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type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
      </group>
      <group name="FireFightingServicePropertyGroup">
            <sequence>
                    <group ref="aixm:AirportGroundServicePropertyGroup"
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```
                <element name="category"
type="aixm:CodeFireFightingType" nillable="true" minOccurs="0"/>
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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:NotePropertyType" 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"/>
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type="aixm:NotePropertyType" 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:FlightConditionElementPropertyType" 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:MeteorologyPropertyType" 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"/>
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name="flightCondition_organisationCondition"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0"/>
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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_aimingPoint"
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"
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                     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"/>
```

```xml
                <element name="flightLevel"
type="aixm:FlightRestrictionLevelPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" 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:NotePropertyType" 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:NotePropertyType" 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"/>
```

```xml
            <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:AirspacePropertyType" 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"/>
```

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                                     <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"/>
                 <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
       </group>
       <group name="FuelPropertyGroup">
            <sequence>
                 <element name="category" type="aixm:CodeFuelType"
nillable="true" minOccurs="0"/>
                 <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
       </group>
       <group name="GeoBorderPropertyGroup">
            <sequence>
                 <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
                 <element name="type" type="aixm:CodeGeoBorderType"
nillable="true" minOccurs="0"/>
                 <element name="border" type="aixm:CurvePropertyType"
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="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"/>
```

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                </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
```

```xml
                <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:VORPropertyType" 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>
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        </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:NotePropertyType" 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:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="availability"
type="aixm:LightElementStatusPropertyType" 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"/>
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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

```xml
                    <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"/>
```

```xml
                <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">
```

```xml
            <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"/>
```

```xml
                <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"/>
```

```xml
                            <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:CircleSectorPropertyType" 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:CircleSectorPropertyType" 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"/>
```

```xml
                <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"/>
                <element name="airportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
    </group>
    <group name="NDBPropertyGroup">
            <sequence>
                <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
                <element name="frequency"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
                <element name="class" type="aixm:CodeNDBUsageType"
nillable="true" minOccurs="0"/>
                <element name="emissionBand"
type="aixm:CodeEmissionBandType" nillable="true" minOccurs="0"/>
            </sequence>
    </group>
    <group name="NitrogenPropertyGroup">
            <sequence>
                <element name="type" type="aixm:CodeNitrogenType"
nillable="true" minOccurs="0"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
```

```xml
                </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"/>
```

```xml
                <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:ObstructionPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="surface"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                <element name="startingCurve"
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="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>
      <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"/>
```

```xml
                <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"/>
                <element name="associatedStand"
type="aixm:AircraftStandPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="PassengerServicePropertyGroup">
            <sequence>
```

```
                    <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"/>
```

```xml
			<element name="facilityDistance"
type="aixm:DistanceIndicationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
				<element name="fixToleranceArea"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
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">
```

```xml
			<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:NavaidPropertyType" 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:NavaidPropertyType" nillable="true" minOccurs="0"/>
				</choice>
```

```
                <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>
     <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:ContactInformationPropertyType" 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>
```

```xml
                <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"/>
                <element name="PARRunway"
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="RadioCommunicationChannelPropertyGroup">
            <sequence>
                <element name="mode"
type="aixm:CodeCommunicationModeType" nillable="true"
minOccurs="0"/>
                <element name="rank"
type="aixm:CodeFacilityRankingType" nillable="true" minOccurs="0"/>
                <element name="frequencyTransmission"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
                <element name="frequencyReception"
type="aixm:ValFrequencyType" nillable="true" minOccurs="0"/>
                <element name="channel"
type="aixm:CodeCommunicationChannelType" nillable="true"
minOccurs="0"/>
                <element name="logon" type="aixm:TextDesignatorType"
nillable="true" minOccurs="0"/>
                <element name="emissionType"
type="aixm:CodeRadioEmissionType" nillable="true" minOccurs="0"/>
                <element name="selectiveCall"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                <element name="flightChecked"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
                <element name="trafficDirection"
type="aixm:CodeCommunicationDirectionType" nillable="true"
minOccurs="0"/>
                <element name="location"
type="aixm:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
```

```xml
                <element name="availability"
type="aixm:RadioCommunicationOperationalStatusPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" 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:SecondarySurveillanceRadarPropertyType" nillable="true"
minOccurs="0"/>
                <element
name="equipment_precisionApproachRadar"
type="aixm:PrecisionApproachRadarPropertyType" nillable="true"
minOccurs="0"/>
                <element name="equipment_navaidEquipment"
type="aixm:NavaidEquipmentPropertyType" nillable="true"
minOccurs="0"/>
                <element name="equipment_frequency"
type="aixm:RadioCommunicationChannelPropertyType" nillable="true"
minOccurs="0"/>
                <element
name="equipment_specialNavigationStation"
type="aixm:SpecialNavigationStationPropertyType" nillable="true"
minOccurs="0"/>
                <element name="equipment_navaidEquipment"
type="aixm:NavaidEquipmentPropertyType" nillable="true"
minOccurs="0"/>
                <element
name="equipment_precisionApproachRadar"
type="aixm:PrecisionApproachRadarPropertyType" nillable="true"
minOccurs="0"/>
                <element name="equipment_radar"
type="aixm:SecondarySurveillanceRadarPropertyType" nillable="true"
minOccurs="0"/>
            </choice>
            <element name="sector"
type="aixm:CircleSectorPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
```

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                <element name="extent"
type="aixm:SurfacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" 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:NotePropertyType" 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:NotePropertyType" 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"/>
```

```
                <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"/>
                <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="RoutePortionPropertyGroup">
            <sequence>
                <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>
                <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>
                <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"/>
```

```xml
                <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"/>
```

```xml
                <element name="availability"
type="aixm:RouteAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" 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:NotePropertyType" 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"/>
                <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="annotation"
type="aixm:NotePropertyType" 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"/>
```

```xml
                <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="obscuredLightsSide"
type="aixm:CodeSideType" 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"/>
```

```xml
                    <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:RunwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                  <element name="startingElement"
type="aixm:RunwayElementPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                  <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                  <element name="availability"
type="aixm:ManoeuvringAreaAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
      </group>
      <group name="RunwayElementPropertyGroup">
```

```
            <sequence>
                    <element name="type"
type="aixm:CodeRunwayElementType" nillable="true" minOccurs="0"/>
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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:RunwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <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:ManoeuvringAreaAvailabilityPropertyType" 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:RunwayPropertyType" 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"/>
```

```
                <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"/>
                                <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:NotePropertyType" 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:SeaplaneRampSitePropertyType" nillable="true"
  minOccurs="0" maxOccurs="unbounded"/>
                  <element name="dockSite"
  type="aixm:FloatingDockSitePropertyType" nillable="true"
  minOccurs="0" maxOccurs="unbounded"/>
                  <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:ManoeuvringAreaAvailabilityPropertyType" nillable="true"
  minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
      </group>
      <group name="SeaplaneRampSitePropertyGroup">
            <sequence>
                  <element name="extent"
  type="aixm:ElevatedSurfacePropertyType" nillable="true"
  minOccurs="0" maxOccurs="1"/>
```

```
                     <element name="centreline"
type="aixm:ElevatedCurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                     <element name="annotation"
type="aixm:NotePropertyType" 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:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                     <element name="clientRoute"
type="aixm:RoutePortionPropertyType" 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:NotePropertyType" 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"/>
```

```xml
                <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"/>
                <element name="endPoint"
type="aixm:TerminalSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                <element name="trajectory"
type="aixm:CurvePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                <element name="arcCentre"
type="aixm:TerminalSegmentPointPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
```

```xml
                <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:NotePropertyType" 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: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="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"/>
```

```
                <element name="relativeLocation"
type="aixm:CodeAirspacePointPositionType" nillable="true"
minOccurs="0"/>
                <element name="containingAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                <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="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"/>
            </sequence>
        </group>
        <group name="SpecialNavigationStationPropertyGroup">
            <sequence>
                <element name="name" type="aixm:TextNameType"
nillable="true" minOccurs="0"/>
```

```xml
                <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:UomDistanceVerticalTypeCodeDistanceVerticalUomType"
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:NotePropertyType" 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:NotePropertyType" 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"/>
```

```xml
				<element name="angleType"
type="aixm:CodeNorthReferenceType" nillable="true" minOccurs="0"/>
					<element name="applicableAirspace"
type="aixm:AirspacePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
					<element name="applicableLevelColumn"
type="aixm:StandardLevelColumnPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
					<element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
			</sequence>
		</group>
		<group name="StandardLevelTablePropertyGroup">
			<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:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
			</sequence>
		</group>
		<group name="StandMarkingPropertyGroup">
			<sequence>
				<group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
					<element name="markedStand"
type="aixm:AircraftStandPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
			</sequence>
		</group>
		<group name="SurfaceCharacteristicsPropertyGroup">
			<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"/>
```

```
                <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:SurfaceContaminationLayerPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
```

```
                </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:UnitPropertyType"
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:SurveillanceGroundStationPropertyType" 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: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="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>
```

```xml
                    <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:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="associatedTaxiway"
type="aixm:TaxiwayPropertyType" 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:ManoeuvringAreaAvailabilityPropertyType" 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:TaxiwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            </sequence>
    </group>
    <group name="TaxiwayMarkingPropertyGroup">
            <sequence>
                    <group ref="aixm:MarkingPropertyGroup"
minOccurs="0"/>
                    <element name="markingLocation"
type="aixm:CodeTaxiwaySectionType" nillable="true" minOccurs="0"/>
                    <element name="markedTaxiway"
type="aixm:TaxiwayPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                    <element name="markedElement"
type="aixm:TaxiwayElementPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
            </sequence>
    </group>
```

```xml
<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:SurfaceCharacteristicsPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
            <element name="associatedAirportHeliport"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
            <element name="contaminant"
type="aixm:TaxiwayContaminationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            <element name="availability"
type="aixm:ManoeuvringAreaAvailabilityPropertyType" 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:DesignatedPointPropertyType" nillable="true"
minOccurs="0"/>
                  <element name="IF_navaidSystem"
type="aixm:NavaidPropertyType" nillable="true" minOccurs="0"/>
                  <element name="IF_position"
type="aixm:PointPropertyType" nillable="true" minOccurs="0"/>
```

```xml
                        <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"/>
```

```xml
                    <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"/>
                    <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="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
      </group>
      <group name="TerminalSegmentPointPropertyGroup">
            <sequence>
                    <element name="role"
type="aixm:CodeProcedureFixRoleType" nillable="true" minOccurs="0"/>
                    <element name="leadRadial"
type="aixm:ValBearingType" nillable="true" minOccurs="0"/>
                    <element name="leadDME" type="aixm:ValDistanceType"
nillable="true" minOccurs="0"/>
                    <element name="indicatorFACF"
type="aixm:CodeYesNoType" nillable="true" minOccurs="0"/>
            </sequence>
      </group>
      <group name="TimesheetPropertyGroup">
            <sequence>
                    <element name="timeReference"
type="aixm:CodeTimeReferenceType" nillable="true" minOccurs="0"/>
                    <element name="startDate"
type="aixm:DateMonthDayType" nillable="true" minOccurs="0"/>
                    <element name="endDate" type="aixm:DateMonthDayType"
nillable="true" minOccurs="0"/>
                    <element name="day" type="aixm:CodeDayType"
nillable="true" minOccurs="0"/>
                    <element name="dayTil" type="aixm:CodeDayType"
nillable="true" minOccurs="0"/>
                    <element name="startTime" type="aixm:TimeType"
nillable="true" minOccurs="0"/>
                    <element name="startEvent"
type="aixm:CodeTimeEventType" nillable="true" minOccurs="0"/>
                    <element name="startTimeRelativeEvent"
type="aixm:ValDurationType" nillable="true" minOccurs="0"/>
                    <element name="startEventInterpretation"
type="aixm:CodeTimeEventCombinationType" nillable="true"
minOccurs="0"/>
                    <element name="endTime" type="aixm:TimeType"
nillable="true" minOccurs="0"/>
                    <element name="endEvent"
type="aixm:CodeTimeEventType" nillable="true" minOccurs="0"/>
```

```
                <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"/>
```

```xml
                <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:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="availability"
type="aixm:ManoeuvringAreaAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="TouchDownLiftOffSafeAreaPropertyGroup">
            <sequence>
                <group
ref="aixm:AirportHeliportProtectionAreaPropertyGroup"
minOccurs="0"/>
                <element name="protectedTouchDownLiftOff"
type="aixm:TouchDownLiftOffPropertyType" 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">
```

```
            <sequence>
                    <element name="type"
type="aixm:CodeUnitDependencyType" nillable="true" minOccurs="0"/>
                    <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="theUnit" type="aixm:UnitPropertyType"
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:ElevatedPointPropertyType" nillable="true" minOccurs="0"
maxOccurs="1"/>
                    <element name="airportLocation"
type="aixm:AirportHeliportPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="ownerOrganisation"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="1"/>
                    <element name="contact"
type="aixm:ContactInformationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="relatedUnit"
type="aixm:UnitDependencyPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                    <element name="availability"
type="aixm:UnitAvailabilityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                    <element name="annotation"
type="aixm:NotePropertyType" 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"/>
```

```xml
                <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:ContactInformationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="selection"
type="aixm:ConditionCombinationPropertyType" 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"/>
```

```
                        <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"/>
```

```xml
                <element name="part"
type="aixm:VerticalStructurePartPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="hostedPassengerService"
type="aixm:PassengerServicePropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="supportedGroundLight"
type="aixm:GroundLightSystemPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="hostedNavaidEquipment"
type="aixm:NavaidEquipmentPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="hostedSpecialNavStation"
type="aixm:SpecialNavigationStationPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="hostedUnit"
type="aixm:UnitPropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="hostedOrganisation"
type="aixm:OrganisationAuthorityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
                <element name="supportedService"
type="aixm:ServicePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
                <element name="annotation"
type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
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type="aixm:VerticalStructureLightingStatusPropertyType"
nillable="true" minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
        </group>
        <group name="VisualGlideSlopeIndicatorPropertyGroup">
            <sequence>
                <group ref="aixm:GroundLightSystemPropertyGroup"
minOccurs="0"/>
                <element name="type" type="aixm:CodeVASISType"
nillable="true" minOccurs="0"/>
                <element name="position" type="aixm:CodeSideType"
nillable="true" minOccurs="0"/>
                <element name="numberBox" type="aixm:NoNumberType"
nillable="true" minOccurs="0"/>
                <element name="portable" type="aixm:CodeYesNoType"
nillable="true" minOccurs="0"/>
                <element name="slopeAngle" type="aixm:ValAngleType"
nillable="true" minOccurs="0"/>
                <element name="minimumEyeHeightOverThreshold"
type="aixm:ValDistanceVerticalType" nillable="true" minOccurs="0"/>
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            </sequence>
        </group>
        <group name="VORPropertyGroup">
            <sequence>
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```xml
                    <group ref="aixm:NavaidEquipmentPropertyGroup"
minOccurs="0"/>
                    <element name="type" type="aixm:CodeVORType"
nillable="true" minOccurs="0"/>
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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"/>
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type="aixm:WorkareaActivityPropertyType" nillable="true"
minOccurs="0" maxOccurs="unbounded"/>
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type="aixm:NotePropertyType" nillable="true" minOccurs="0"
maxOccurs="unbounded"/>
            </sequence>
      </group>
      <annotation>
            <appinfo>

      <gml:gmlProfileSchema>http://www.aixm.aero/schema/5.0/profile/
gml4aixmexternal.schemas.opengis.net/gmlAIXMProfile/1.1/gml321forAIX
M.xsd</gml:gmlProfileSchema>
            </appinfo>
      </annotation>
      <annotation>
            <appinfo
source="www.aixm.aero/schema/5.0">AIXM_Features.xsd</appinfo>
      </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
```

conceptual 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>
```