

# Add AIRAC Reference

<b>CR Number (ID): 131</b>		<b>Submission Date: 9/22/2021</b>	
<b>GENERAL INFORMATION (AUTHOR TO COMPLETE)</b>			
Author	FAA FIXM Development Team		
Brief Description (Subject)	Add a reference to the Aeronautical Information Regulation and Control data set that was used in the computation of the route/trajectory.		
Priority*	<input type="checkbox"/> Immediate	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium <input type="checkbox"/> Low
Scale*	<input type="checkbox"/> Major	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Minor
Expected Impact to Implementers*	<input type="checkbox"/> High	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Low <input type="checkbox"/> None
Target FIXM Component(s)	<input checked="" type="checkbox"/> FIXM Logical Model <input type="checkbox"/> FIXM Application <input checked="" type="checkbox"/> FIXM XML Schemas <input type="checkbox"/> Other Specify...		
Target FIXM Release	<input checked="" type="checkbox"/> FIXM Core Version 4.3.0 <input type="checkbox"/> Application Version		
Related FIXM CRs			
Motivation / Change Reason	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Functionality/Operability <input type="checkbox"/> Maintenance <input type="checkbox"/> Defect <input type="checkbox"/> Other Specify ...		

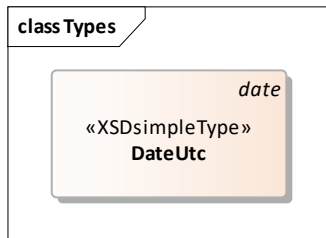
\* Optional fields; FIXM Secretariat may update during review

## MOTIVATION / CHANGE REASON DESCRIPTION (AUTHOR TO COMPLETE)

Support new requirement from the FF-ICE IG section B-2.39: "The AIRAC reference provides an indication of the AIRAC data set that has been used by the operator in the computation of the flight plan. The reference used is the AIRAC effective date."

## PROPOSED CHANGE (AUTHOR TO COMPLETE)

Create a new class in the Types package to represent UTC dates named DateUtc, derived from a standard XSD date type, with the following definition: “Describes a date represented in Coordinated Universal Time (UTC). [FIXM]”. Add the following pattern to this new class to enforce UTC dates: ([1-9][0-9]{3,}|0[0-9]{3})-(0[1-9]|1[0-2])-(0[1-9]|12)[0-9]|3[01])Z

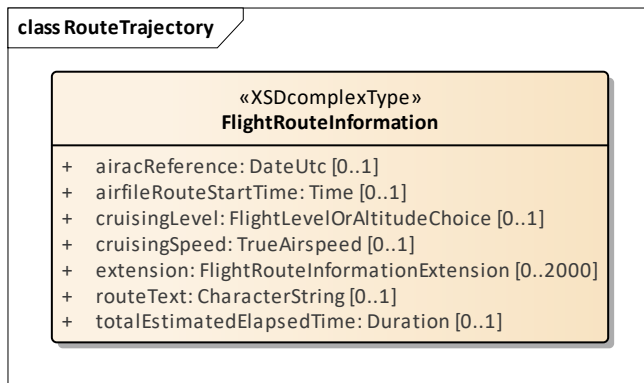


Add a new attribute to the RouteInformation class in the RouteTrajectory package that makes use of this new DateUtc class:

Name: “airacReference”

Type: DateUtc

Definition: “The internationally agreed effective date of the AIRAC (Aeronautical Information Regulation and Control) data set that was used in the computation of the route/trajectory. [FIXM]”



CCB SECRETARIAT				
External Standard Consistency Checked	<input type="checkbox"/> AIDX <input type="checkbox"/> AIRM			
CR Status	<input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Implemented <input type="checkbox"/> Withdrawn <input type="checkbox"/> Rejected			
Decision Date	Click or tap to enter a date			
Implemented In	X.X.X			

Comments

Click or tap here to add any additional information or comments.

#### IMPLEMENTATION NOTES (CCB SECRETARIAT TO COMPLETE)

CCB Secretariat notes on any deviations that were required during implementation.