



Collins Aerospace

An **RTX** Business

ARINCDirectSM NextGen Flight Planning

Airport Suitability & Aircraft Profile Release Notes – July 2024

Collins Aerospace and ARINCDirect are committed to continuous improvement of our products and services to the aviation community. Release Notes are provided to inform about new and modified features and any bug fixes. As always, we encourage your feedback. For questions or concerns, please contact us at 1-866-321-6060 (International: +1 410-266-2266) or email ad-flightops@collins.com.

NOTICE

INFORMATION SUBJECT TO EXPORT LAWS

This document does not contain any export-controlled technical Data.

DOCUMENT PROPERTY RIGHTS NOTIFICATION (DPRN)

This document is the property of Collins Aerospace and contains confidential and/or proprietary information. You may not possess, use, copy or disclose this document and any information in it, for any purpose, including without limitation, to design, manufacture or repair parts, or obtain any government approval to do so, without Collins Aerospace's express written permissions. Neither receipt nor possession of this document alone, from any source, constitutes such permission. Possession, use, copying or disclosure by anyone without Collins Aerospace's express written permission is not authorized and may result in criminal and/or civil liability.

DISCLAIMER

All information in this document (or file) is provided "as is", with no guarantee of completeness, accuracy, timeliness or of the results obtained from the use of this information, and without warranty of any kind, express or implied, including, but not limited to warranties of performance, merchantability and fitness for a particular purpose.

All marks contained herein are the property of their respective owners.
Some content may be copyrighted by 3rd parties and is used with permission.

PRINTED COPIES OF THIS DOCUMENT ARE UNCONTROLLED

1. Introduction

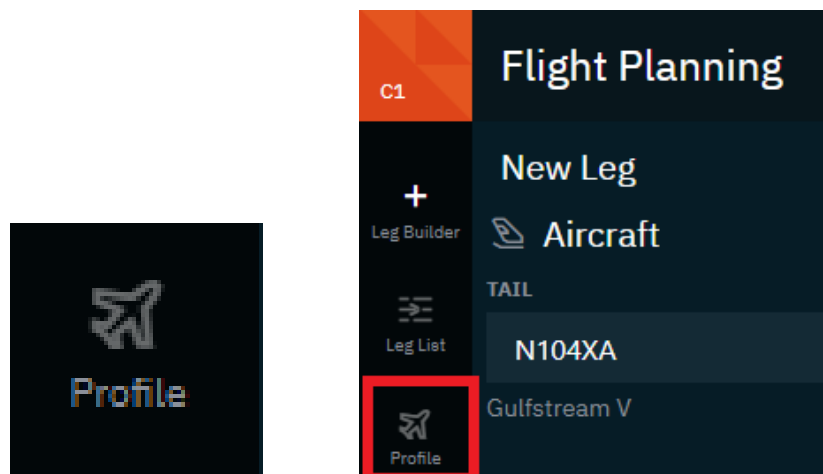
This release is the first in a series of deliverables related to Airport Suitability. Once fully developed, Airport Suitability will consider AIP and NOTAM for over 2,400 airports globally and display information for all the airports included in a specific flight plan. The first deliverable in the series will be the **Aircraft Profile** which offers the ability to define and store aircraft-related thresholds which are utilized to generate **Airport Suitability** reports which will be delivered later this year.

2. Aircraft Profile (Airport Suitability Tail Settings)

The first sub-section of the **Aircraft Profile** within the application will be Airport Suitability, however, the **Aircraft Profile** section will eventually store more tail settings in the NextGen system. As the parameters captured in this section are all **Aircraft Profile** fields, this section will be modifiable by 'admin' users only.

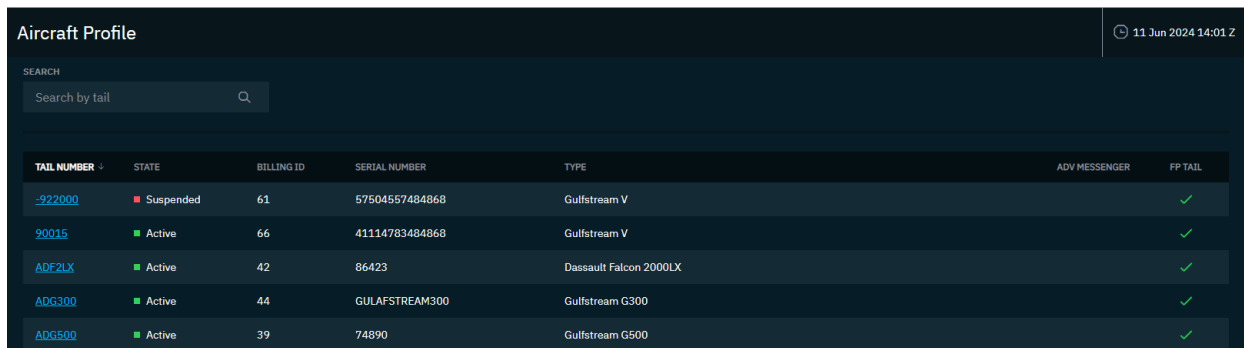
In this release, we are setting the foundations for both **Aircraft Profile** and **Airport Suitability** in the NextGen system. The **Aircraft Profile** will, for now, be where admin users manage parameters related to **Airport Suitability** which will be delivered later this year, and all their aircraft parameters for NextGen as the system matures over time.

To gain an **Airport Suitability** report from a NextGen Flight Plan in upcoming releases, account admins must first complete the **Aircraft Profile** section within the Flight Planning application for each tail in your fleet. The **Aircraft Profile** section can be accessed by admins within the lefthand side navigation rail within the application by selecting the Profile Icon:



The Aircraft Profile tail search page will provide a list of all aircraft in your fleet along with key top-level information:

- Tail Account Status
- Billing ID
- Serial Number
- Aircraft Type
- Advanced Messenger Status
- Flight Planning Tail



TAIL NUMBER	STATE	BILLING ID	SERIAL NUMBER	TYPE	ADV MESSENGER	FP TAIL
-922000	■ Suspended	61	57504557484868	Gulfstream V		✓
90015	■ Active	66	41114783484868	Gulfstream V		✓
ADF2LX	■ Active	42	86423	Dassault Falcon 2000LX		✓
ADG300	■ Active	44	GULAFSTREAM300	Gulfstream G300		✓
ADG500	■ Active	39	74890	Gulfstream G500		✓

Selecting the hyperlink from the tail number column will open up a page of additional tail settings sections. The first section available is for **Airport Suitability**.

The following parameters are included in the Airport Suitability section for thresholds to be entered- (or viewed):

Max Crosswind (in knots)

- Dry
- Wet
- Autoland

Max Tailwind (in knots)

Max Tailwind Autoland

Max Headwind (autoland only - in knots)

Max Airport Pressure Altitude (in feet)

Max Airport Elevation (in feet)

Approach Speed Category (A, B, C, D, or E)

Max Approach Angle (in degrees)

Runway

- Runway Width (in feet)
- Runway Length (in feet) - will be auto-populated based on legacy system value and will also be modifiable in the NextGen system. If modified and different than the legacy value, the legacy system will maintain its original value (i.e. this is not backwards compatible)

- Runway Slope (% between 0.0-5.0%)
RFF min (0-10)
- 0-10 represent the Aircraft category for firefighting according to ICAO Annex 14

CATEGORY	AIRCRAFT OVERALL LENGTH	MAXIMUM FUSELAGE WIDTH
1	0m < Length ≤ 9m	Fuselage width < 2m
2	9m < Length ≤ 12m	Fuselage width < 2m
3	12m < Length ≤ 18m	Fuselage width < 3m
4	18m < Length ≤ 24m	Fuselage width < 4m
5	24m < Length ≤ 28m	Fuselage width < 4m
6	28m < Length ≤ 39m	Fuselage width < 5m
7	39m < Length ≤ 49m	Fuselage width < 5m
8	49m < Length ≤ 61m	Fuselage width < 7m
9	61m < Length ≤ 76m	Fuselage width < 7m
10	76m < Length ≤ 90m	Fuselage width < 8m

RVR – will be view-only and will prepopulate based on existing value on legacy system Tail Page. If modification is necessary, it must be accomplished in the legacy system.

Aircraft Profile - N103XA
11 Jun 2024 14:25 Z

AIRPORT SUITABILITY

AIRCRAFT

Max Crosswind (kts)

MAX CROSSWIND DRY

MAX CROSSWIND WET

MAX CROSSWIND AUTOLAND

MAX TAILWIND

MAX TAILWIND AUTO LAND

Headwind (kts)

MAX HEADWIND AUTO LAND

Pressure Altitude (ft)

MAX AIRPORT PRESSURE ALTITUDE

Elevation (ft)

MAX AIRPORT ELEVATION

CLOSE
SAVE

As always, we encourage your feedback. If you have any questions or concerns, please contact us at 1-866-321-6060 (International: +1 410-266-2266) or email ad-flightops@collins.com.