



Collins Aerospace

ARINCDirectSM NextGen Flight Planning

Version 1.4.1 Release Notes – May 2023

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 flightops@arinc.com.

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1. Introduction

The Next Generation Flight Planning application through ARINCDirect is accessible on **Izon**. ([Izon FAQ](#) and [Setup Guide](#)). The features below represent the initial release and foundation for regular releases of additional enhancements for the application going forward. **The NextGen Flight Planning application introduces a new concept of legs along with multiple flight plans possible per leg and the capability within these legs will grow as the application increases in functionality. This application is designed to work on desktop, mobile and tablet.**

Supported browsers and devices:

	Mobile		Tablet	Desktop	
	iPhone	Android	iPad	Windows	Mac
Chrome		X		X	X
Safari	X		X		X
OS version	The most current version of the OS for that category				
Orientation	Portrait Landscape (limited*)		Portrait Landscape	Desktop	

2. Leg List

The **Leg List**, accessible via the icon on the left-hand navigation rail, provides a sortable, filterable list of legs generated in both the legacy ARINCDirect flight planning tool and this NextGen Flight Planning tool. Legs created by flight plans computed in the legacy ARINCDirect tool are tagged with a LEGACY badge. **The Leg List serves as not only a view of full breadth of leg and flight plan activity but also a future launching point for actionable steps from the leg (or flight plan) and vital information display space.**

TASK/LEGID ID	RECALL NO.	DEPARTURE	ETD	ARRIVAL
ADCF7X Dassault Falcon 7X	85717	RJCC Ootsubo, Hokkaido Island, Japan	Apr 1, 2024 00:00Z 09:00L	WVIS Ho Chi Minh, Vietnam
Filing Status: No Request for Filing LEGACY				
ADCF7X Dassault Falcon 7X	M7227	KSAN San Diego, CA, United States	Jan 1, 2024 00:00Z 16:00L	KILM Wilmington, NC, United States
Filing Status: No Request for Filing LEGACY				
ADCF7X Dassault Falcon 7X	S9378	KMTH Marathon, FL, United States	Jan 1, 2024 00:00Z 19:00L	KDBQ Dubuque, IA, United States
Filing Status: No Request for Filing LEGACY				
AD123X Dassault Falcon 900EX	E4694	KDPA Chicago, IL, United States	Oct 2, 2023 13:43Z 08:45L	KF45 West Palm Beach, FL, United States
Filing Status: No Request for Filing				
NG550 Gulfstream G550	G2308	ESSB Stockholm, Sweden	Oct 1, 2023 00:00Z 02:00L	KTEB Teterboro, NJ, United States
Filing Status: No Request for Filing LEGACY				
FYEX Dassault Falcon 900EX	-----	KOSP Greer, SC, United States	Sep 1, 2023 17:00Z 13:00L	EIDW Dublin, Ireland
Filing Status: No Request for Filing				
FYEX Dassault Falcon 900EX	X0387	KBGR Bangor, ME, United States	Sep 1, 2023 00:00Z 20:00L	KOSP Greer, SC, United States
Filing Status: Cancelled LEGACY				

Filters

ARRIVAL
Tail or Flight ID

DEPARTURE AIRPORT
ICAO

ARRIVAL AIRPORT
ICAO

ETD DATE R
Date Range

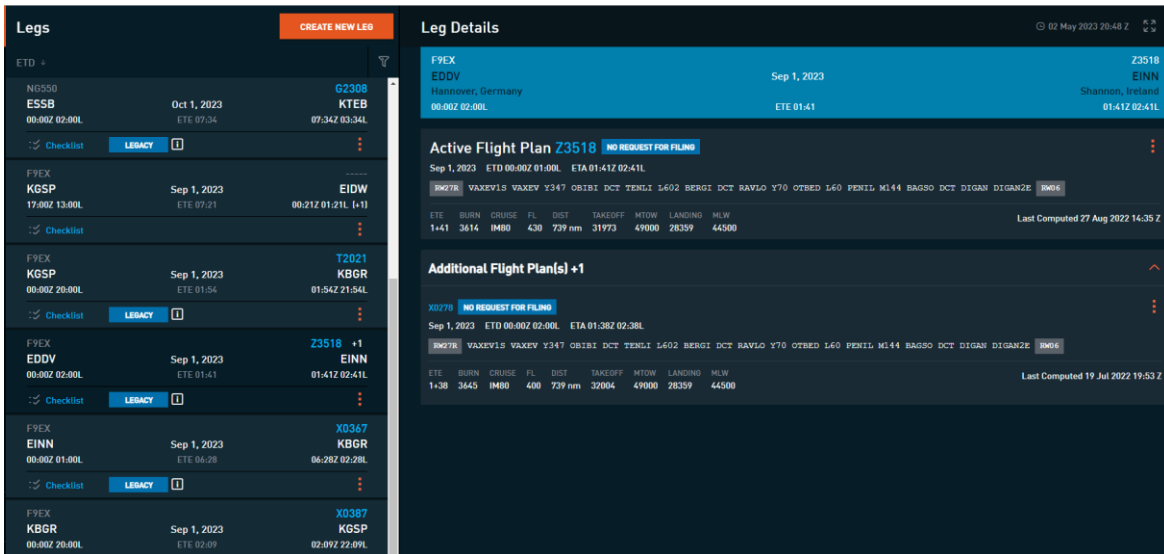
PILOT IN COMMAND
Name

SECOND IN COMMAND
Name

CLEAR APPLY

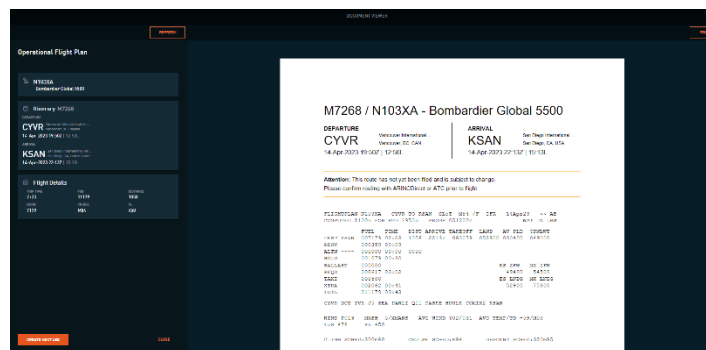
3. Leg Details

As users hover over a leg in the **Leg List**, the leg will highlight. Clicking on the leg collapses the **Leg List** to a split screen with the list on the left side and **Leg Details** on the right. All flight plans associated with the leg will appear with the Active flight plan indicated. **Future state will provide additional product and flight plan information (and actions) in this space.**



4. Document Viewer

From the **Leg List**, selecting the Recall number provides the flight plan display via the **Document Viewer**. Additional action options, such as filing the flight plan are envisioned for this page.

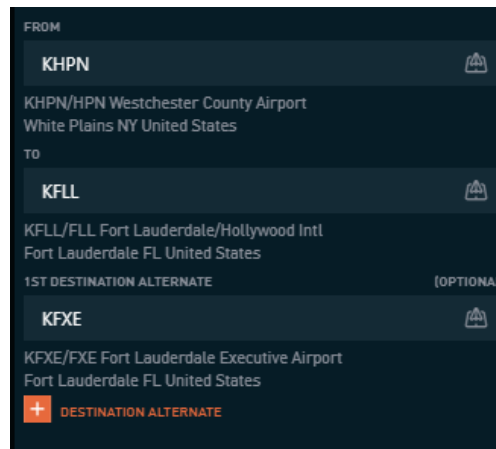


5. Leg Builder

Upon opening the NextGen Flight Planning application, the landing page consists of the Leg builder and map.

Alternates

To add a first or first and second destination alternate, click on the 'Destination Alternate' option below the destination field and type in the alternate airport choice. **A future enhancement to alternates will include the option for system suggested alternates as well as planning of Takeoff alternate, ETP and ETOPS.**



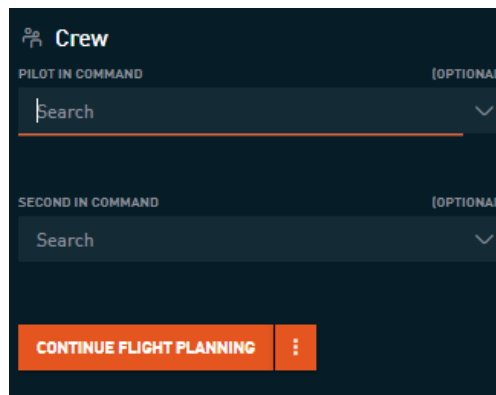
The screenshot shows a flight planning interface with the following fields:

- FROM:** KHPN (KHPN/HPN Westchester County Airport, White Plains NY United States)
- TO:** KFLL (KFLL/FLL Fort Lauderdale/Hollywood Intl, Fort Lauderdale FL United States)
- 1ST DESTINATION ALTERNATE (OPTIONAL):** KFXE (KFXE/FXE Fort Lauderdale Executive Airport, Fort Lauderdale FL United States)

At the bottom, there is a red button with a plus sign and the text "DESTINATION ALTERNATE".

Crew

Crew represents a new workflow order for entering in the PIC and /or SIC of a flight. At this phase, it is optional to include.

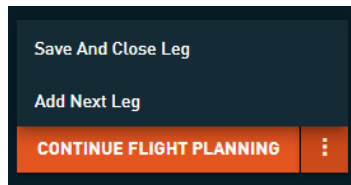


The screenshot shows a "Crew" selection screen with the following fields:

- PILOT IN COMMAND (OPTIONAL):** Search
- SECOND IN COMMAND (OPTIONAL):** Search

At the bottom, there is a red button labeled "CONTINUE FLIGHT PLANNING" and a vertical ellipsis menu icon.

There are three (3) actions available via the **Continue Flight Planning** button at the bottom of the form: the flight planning workflow can continue with **Continue Flight Planning**, or the leg may be saved with provided parameters with **Save and Close Leg**, or the leg may be saved and the form may be populated with parameters for the next leg setting the previous destination as the departure airport with **Add Next Leg**.



Compare Routes and Route Table

Selecting '**Compare Routes**' presents the Routes table overlaid atop the base map. Several new datapoints are available with each route: **ETD**, **ETA**, **FOB**, **Takeoff Weight** and **Landing Weight**, and while hovering over the route type, metadata applicable to the route type (e.g., number of times cleared in last 24 hours) will display.

Routes														
<input type="checkbox"/>	AUTO-GEN	RW29	DCT	REV	DCT	ATR	DCT	ORF	DCT	SAGGY	AR19	MAJIK	CUUDA2	RW28L
		ETD	ETA	ETE	BURN	CRUISE	FL	DIST	FOB	TAKEOFF	LANDING			
		21:00 Z	23:26 Z	2+26	7492 lbs	M84	430	974 nm	9484 lbs	57984 lbs	50492 lbs			
<input type="checkbox"/>	ATC ☆ H	RW16	DCT	WHITE	Q409	CRPLR	DCT	KOOKI	Q133	CHIEZ	Y291	MAJIK	CUUDA2	RW28L
		ETD	ETA	ETE	BURN	CRUISE	FL	DIST	FOB	TAKEOFF	LANDING			
		21:00 Z	23:27 Z	2+27	7563 lbs	M84	430	983 nm	9559 lbs	58059 lbs	50496 lbs			
<input type="checkbox"/>	ATC ☆ H	RW16	DCT	WHITE	Q409	CRPLR	DCT	PAACK	Q97	PRMUS	CUUDA2	RW28L		
		ETD	ETA	ETE	BURN	CRUISE	FL	DIST	FOB	TAKEOFF	LANDING			
		21:00 Z	23:36 Z	2+36	7889 lbs	M84	430	1041 nm	9901 lbs	58401 lbs	50512 lbs			

Preview Flight Plan

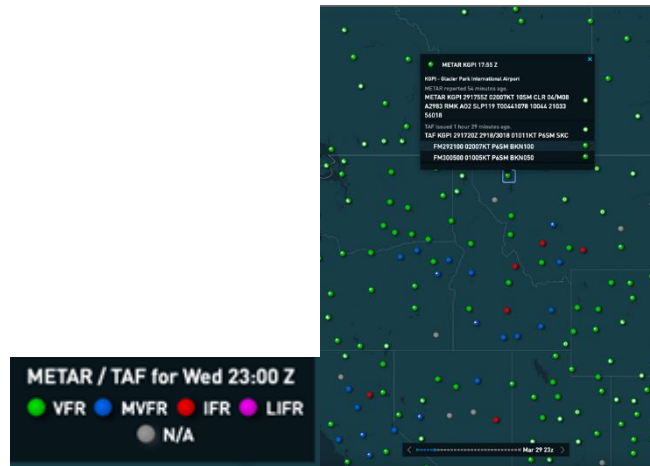
Upon clicking the **Preview Flight Plan** button, the flight plan will compute and display within the **Document Viewer**.

6. Map

NextGen Flight Planning offers a new map layer: **METARS layer**

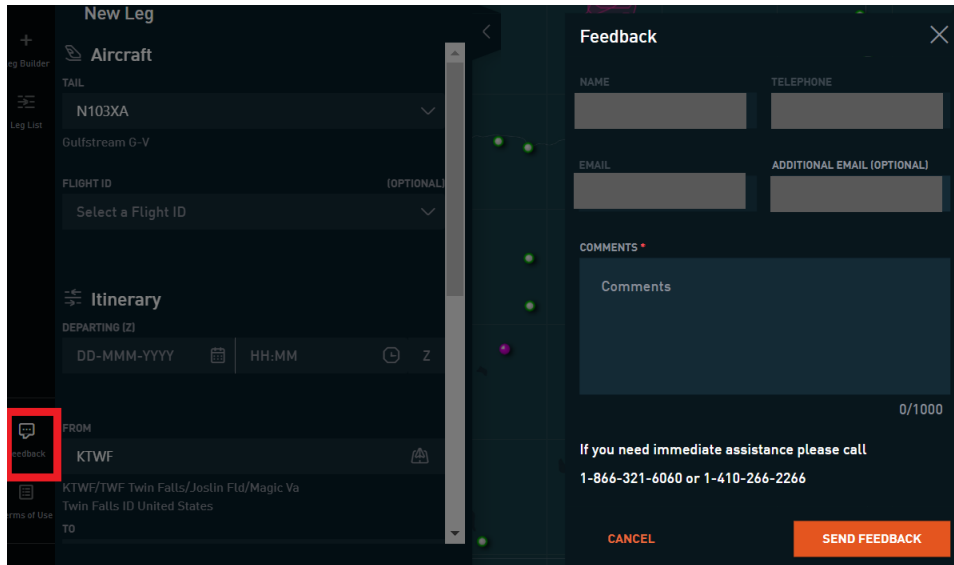
METARs layer

METARs layer, which presents a color-coded ball depicting actual (METAR) or forecasted (TAF) conditions for each location available, is available in the Radar/Satellite layer category. This layer is global.



7. Feedback

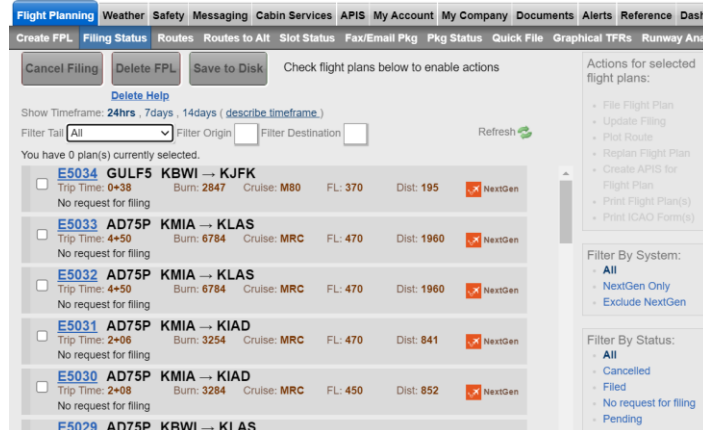
Alongside the left-hand navigation rail exists the ability to provide application **Feedback**.



8. NextGen and Legacy Flight Planning Working Together

While we continue to develop NextGen Flight Planning, you maintain the ability to follow through with key features still in Legacy Flight Planning.

In legacy flight plan system, NextGen flight plans are displayed, and can be sorted, replanned, filed, and included in a package, etc.



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 flightops@arinc.com.