

# NAS operations Dashboard



- - - - - Pathfinder

# NOD - Pathfinder/Alternate Route tool

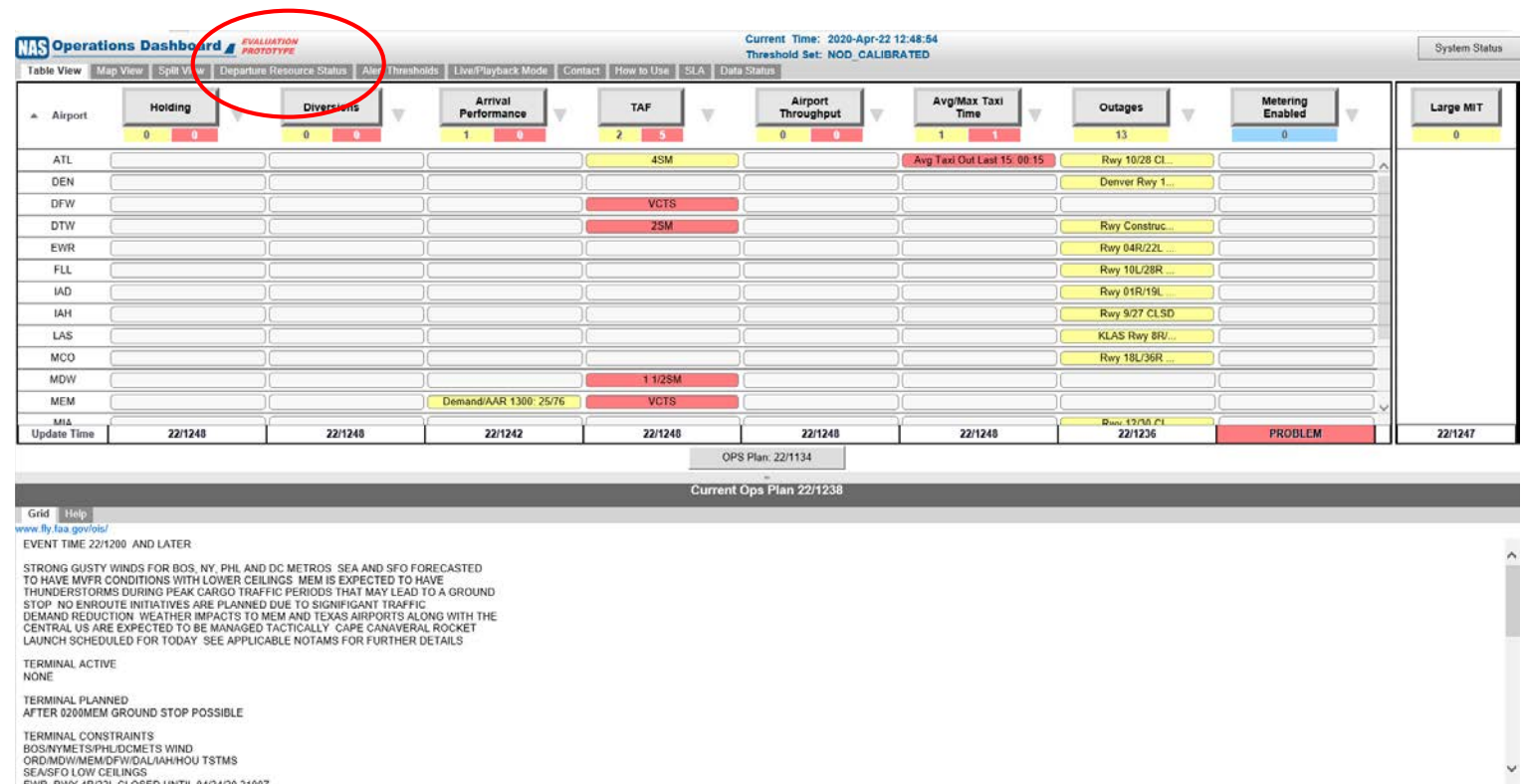
- The NAS Operations Dashboard (NOD) has developed capabilities for the flight operator to input flights that it considers suitable to take alternate routes if the need arises.
- This will be available in May of 2020 for the Washington DC metro area airports.

# Pathfinder/Alternate Route tool Capabilities

- The pathfinder tool
  - Allows the operator to input flights ready and willing to take an alternate route.
  - Inform the operator that the flight was selected by the facility.
  - Follow the flight once airborne to see if it was successful along the route.

# Accessing the Pathfinder/Alternate Route tool

- Access to the Pathfinder/Alternate Route tool is gained through the Departure Resource Status Tab in the NAS Operations Dashboard.



**NAS Operations Dashboard** EVALUATION PROTOTYPE Current Time: 2020-Apr-22 12:48:54 Threshold Set: NOD, CALIBRATED System Status

Table View | Map View | Split View | **Departure Resource Status** | Alerts | Thresholds | Live/Playback Mode | Contact | How to Use | SLA | Data Status

Airport	Holding	Diversion	Arrival Performance	TAF	Airport Throughput	Avg/Max Taxi Time	Outages	Metering Enabled	Large MIT
ATL	0	0	1	4SM	0	1	13	0	0
DEN						Avg Taxi Out Last 15: 00:15	Rwy 10/28 CL...		
DFW				VCTS			Denver Rwy 1...		
DTW				2SM			Rwy Construc...		
EWR							Rwy 04R/22L...		
FLL							Rwy 10L/28R...		
IAD							Rwy 01R/19L...		
IAH							Rwy 9/27 CLSD		
LAS							KLAS Rwy 8R/...		
MCO							Rwy 18L/36R...		
MDW				1 1/2SM					
MEM			Demand/AAR 1300: 25/76	VCTS					
MIA							Rwy 13/36 CL...		
Update Time	22/1248	22/1248	22/1242	22/1248	22/1248	22/1248	22/1236	PROBLEM	22/1247

OPS Plan: 22/1134  
Current Ops Plan 22/1238

Grid | Help  
[www.fly.faa.gov/ota/](http://www.fly.faa.gov/ota/)  
EVENT TIME 22/1200 AND LATER

STRONG GUSTY WINDS FOR BOS, NY, PHL AND DC METROS. SEA AND SFO FORECASTED TO HAVE MVFR CONDITIONS WITH LOWER CEILINGS. MEM IS EXPECTED TO HAVE THUNDERSTORMS DURING PEAK CARGO TRAFFIC PERIODS THAT MAY LEAD TO A GROUND STOP. NO ENROUTE INITIATIVES ARE PLANNED DUE TO SIGNIFICANT TRAFFIC DEMAND REDUCTION. WEATHER IMPACTS TO MEM AND TEXAS AIRPORTS ALONG WITH THE CENTRAL US ARE EXPECTED TO BE MANAGED TACTICALLY. CAPE CANAVERAL ROCKET LAUNCH SCHEDULED FOR TODAY. SEE APPLICABLE NOTAMS FOR FURTHER DETAILS.

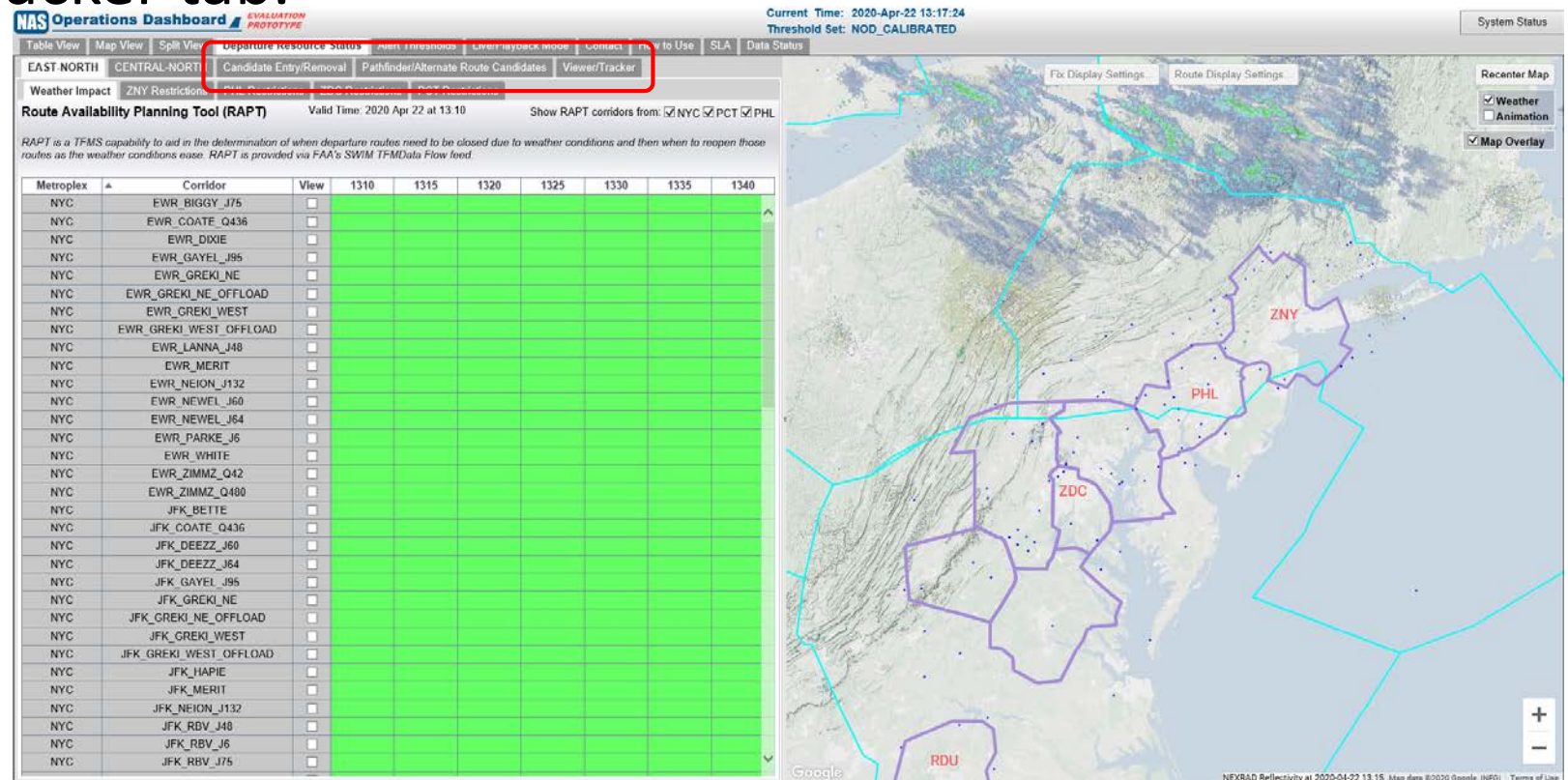
TERMINAL ACTIVE  
NONE

TERMINAL PLANNED  
AFTER 0200MEM GROUND STOP POSSIBLE

TERMINAL CONSTRAINTS  
BOS/NYMETS/PHLDCMETS WIND  
ORD/MDW/MEM/DFW/DAL/IAH/HOU TSTMS  
SEA/SFO LOW CEILINGS  
EWR DEN IAD FLL CLSD UNTIL 04/22/20 1400Z

# Inputs

- Through the Departure Resource Status Tab you will find the Candidate Entry/Removal tab, Pathfinder/Alternate Route Candidates tab, and Viewer Tracker tab.



# Inputs –Candidate Entry/Removal

- Enter the request in the Candidate Entry/Removal tab
  - Select the reason
    - Pathfinder
    - Low Altitude Routes
    - Fix Balancing
    - Priority Flight.

The screenshot displays the NAS Operations Dashboard interface. The top navigation bar includes tabs for Table View, Map View, Split View, Departure Resource Status, Alert Thresholds, Live/Playback Mode, Contact, How to Use, SLA, Data Status, and System Status. The current time is 2020-Apr-22 13:24:39, and the threshold set is NOD\_CALIBRATED.

The main content area is divided into two sections. The left section, titled "Enter Candidate Flight Information:", contains a form with the following fields:

- Reason: Select Reason (dropdown menu)
- NAS Element: (text input)
- FlightID (e.g., ABC123): (text input)
- Origin (e.g., KLGA): (text input)
- Destination (e.g., KATL): (text input)
- NAS Route: (text input)
- ETD: (text input)
- Submitter: (text input)
- Additional Comments: (text area)

Below the form are "Submit" and "Clear Form" buttons.

The right section, titled "Candidate Flights", includes a checkbox for "Show Ineligible Flights" and a table with the following columns: Entry, Flight ID, Origin, Dest., ETD, Taxi, Reason, NAS Element, Submitter, Comments, Status, and Remove.

The right side of the dashboard features a map of the region, showing flight paths and various markers. The map includes labels for "PHL" and "ZDC".

# Inputs – Candidate Entry/Removal

- Pathfinder
  - By selecting Pathfinder, the NAS element will appear and the user can select the airways or the fixes that the flight will be willing and able to take.
- Low Altitude Routes
  - By selecting Low Altitude Routes, the NAS Element will populate with the different low altitude routes that the flight will be willing and able to take.
- Fix Balancing
  - By selecting Fix Balancing, the NAS element will appear and the user can select the fixes that the flight will be willing and able to take.
- Priority Flight
  - By selecting Priority Flight, there will be no NAS element populated, but the additional comments field will be required to be completed.

# Entering a Pathfinder – Option 1 example

- Let's assume COLIN (the normal route for this flight) is impacted by weather and the facility has closed that fix but has asked for a pathfinder. To tell traffic management that a particular flight is available as a pathfinder:
  - We enter SWA 1576 as a pathfinder over COLIN by selecting that fix in the NAS element
  - Fill in the appropriate data boxes for flight and city pair
  - Submitters initials
  - Enter any additional comments relevant to the flight (optional)
  - Submit the request.

*(See Slide 6 for screen showing data entry fields.)*



# Entering a Pathfinder - Example from last slide

- Once submitted a confirmation box will appear and you can Confirm or Cancel the entry

The screenshot displays the 'NAS Operations Dashboard' with a top navigation bar including 'Table View', 'Map View', 'Split View', 'Departure Resource Status', 'Alert Thresholds', 'Live/Playback Mode', 'Contact', 'How to Use', 'SLA', and 'Data Status'. The 'Candidate Entry/Removal' tab is active, showing a form to 'Enter Candidate Flight Information:'. The form fields are: Reason (Pathfinder), NAS Element (COLIN), FlightID (SWA1576), Origin (KDCA), Destination (KMCO), NAS Route, ETD, Submitter (DRT), and Additional Comments. A 'Submit' button is at the bottom of the form. A confirmation modal is overlaid on the right, stating: 'The following pathfinder will be SUBMITTED', 'FlightID: SWA1576', 'Origin: KDCA', 'Destination: KMCO', 'Reason: Pathfinder', 'NAS Element: COLIN', 'Submitter: DRT', and 'Comments:'. The modal has 'Confirm' and 'Cancel' buttons. Below the form is a 'Candidate Flights' table with columns: Entry, Flight ID, Origin, Dest., ETD, and a 'Remove' button.

**NAS Operations Dashboard** EVALUATION PROTOTYPE Current Time: 202... Threshold Set: NO

Table View | Map View | Split View | **Departure Resource Status** | Alert Thresholds | Live/Playback Mode | Contact | How to Use | SLA | Data Status

EAST-NORTH | CENTRAL-NORTH | **Candidate Entry/Removal** | Pathfinder/Alternate Route Candidates | Viewer/Tracker

**Enter Candidate Flight Information:**

Reason:

NAS Element:

FlightID (e.g., ABC123):

Origin (e.g., KLGA):

Destination (e.g., KATL):

NAS Route:

ETD:

Submitter:

Additional Comments:

**The following pathfinder will be SUBMITTED**

FlightID: SWA1576

Origin: KDCA

Destination: KMCO

Reason: Pathfinder

NAS Element: COLIN

Submitter: DRT

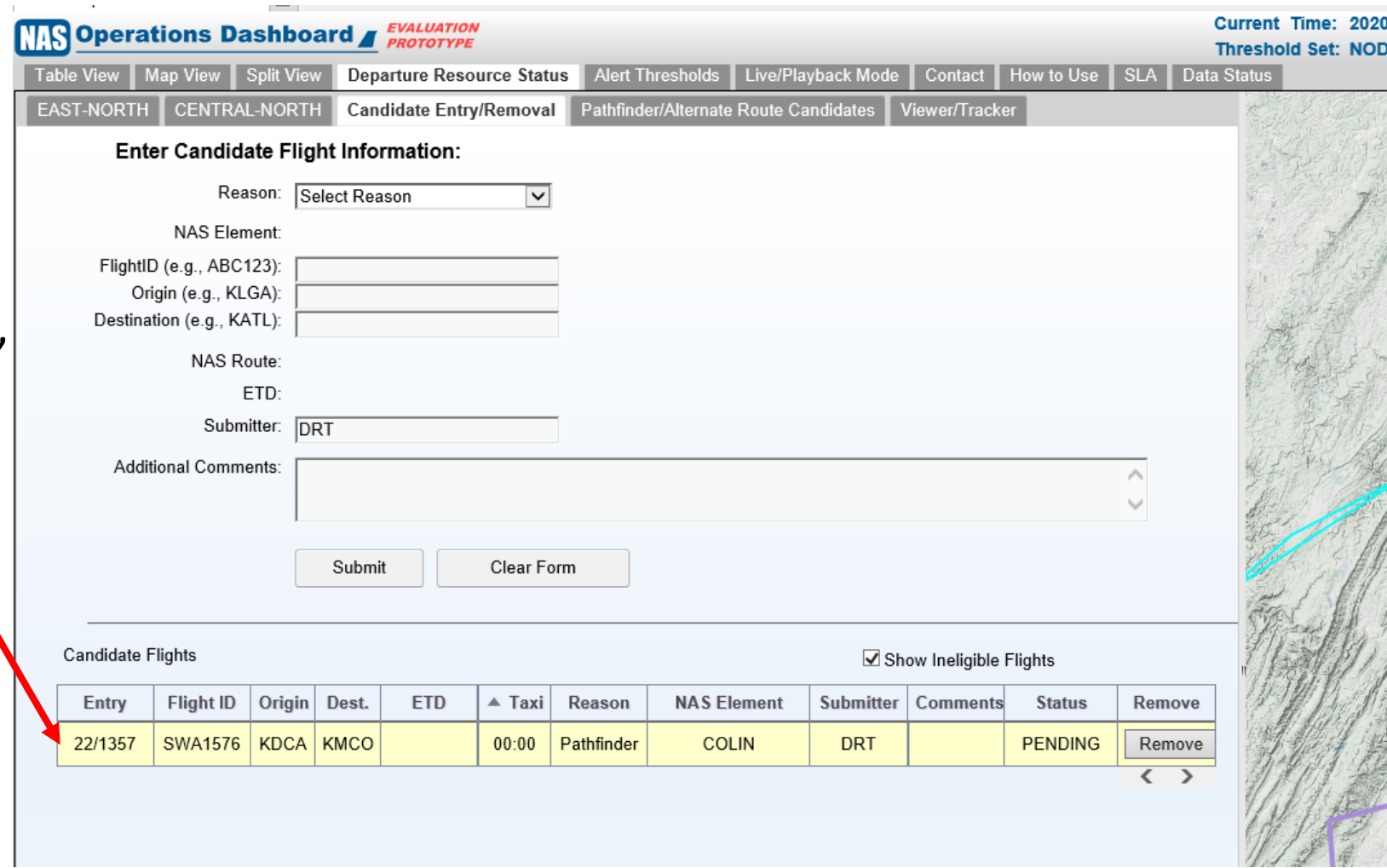
Comments:

**Candidate Flights**

Entry	Flight ID	Origin	Dest.	ETD
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# Entering a Pathfinder – Option 1 example

- If you confirm it, the request will then appear on the list of candidates as “PENDING”



The screenshot displays the 'NAS Operations Dashboard' with a navigation bar at the top. The 'Candidate Entry/Removal' tab is active. Below the navigation bar, there is a form titled 'Enter Candidate Flight Information:'. The form contains several input fields: 'Reason' (a dropdown menu), 'NAS Element', 'FlightID (e.g., ABC123)', 'Origin (e.g., KLGA)', 'Destination (e.g., KATL)', 'NAS Route', 'ETD', 'Submitter' (with 'DRT' entered), and 'Additional Comments' (a text area). At the bottom of the form are 'Submit' and 'Clear Form' buttons. Below the form is a table titled 'Candidate Flights' with a checkbox 'Show Ineligible Flights' checked. The table has 12 columns: Entry, Flight ID, Origin, Dest., ETD, Taxi, Reason, NAS Element, Submitter, Comments, Status, and Remove. A red arrow points from the word 'PENDING' in the list item to the 'PENDING' status in the table. The table contains one row of data.

Entry	Flight ID	Origin	Dest.	ETD	Taxi	Reason	NAS Element	Submitter	Comments	Status	Remove
22/1357	SWA1576	KDCA	KMCO		00:00	Pathfinder	COLIN	DRT		PENDING	Remove

# Entering a Pathfinder

- The flight shows up as pending until the NOD tool finds the flight plan
  - When flight plan is found, the status is turned to Eligible
  - If the flight is not found, the status is turned to Not Found.
- Listening to the Hotline would be the only way to find out if a flight got selected. Once the flight is airborne the status changes to Departed.

# Pathfinder/Alternate Route Candidates

- The FAA facilities will see the list of candidates on the Pathfinder/Alternate Route Candidates screen and approve those they are able to approve over the hotline.
- In this case the flight we offered as a pathfinder was approved on this new route by the traffic manager for use as a pathfinder as heard on the Hotline.
- It has departed on this route.

The screenshot displays the NAS Operations Dashboard interface. At the top, there's a header with the NAS logo, 'Operations Dashboard', and 'EVALUATION PROTOTYPE'. On the right, it shows 'Current Time: 2020-Apr-22 14:12:54' and 'Threshold Set: NOD\_CALIBRATED'. Below the header is a navigation bar with tabs: 'Table View', 'Map View', 'Split View', 'Departure Resource Status', 'Alert Thresholds', 'Live/Playback Mode', 'Contact', 'How to Use', 'SLA', and 'Data Status'. The main content area has sub-tabs: 'EAST-NORTH', 'CENTRAL-NORTH', 'Candidate Entry/Removal', 'Pathfinder/Alternate Route Candidates', and 'Viewer/Tracker'. The 'Pathfinder/Alternate Route Candidates' tab is active, showing a table of 'Pathfinder Candidates'. A red arrow points from the text 'It has departed on this route.' to the 'DEPARTED' status of flight SWA1576 in the Pathfinder Candidates table. Below this is a section for 'Alternate Route Candidates' and a section for 'Priority Flights', both with their respective tables. A map is visible on the right side of the dashboard.

**Pathfinder Candidates**

FlightID	NAS Element	Origin	Destination	ETD	Surface Time	Comments	View on Surface	Status
SWA1576	COLIN	KDCA	KMCO	22/1401	00:09			DEPARTED

**Alternate Route Candidates**

Reroute Reason	FlightID	NAS Element	Origin	Destination	ETD	Surface Time	Comments	View on Surface	Status
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**Priority Flights**

FlightID	Origin	Destination	ETD	Surface Time	Comments	View on Surface	Status
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# Entering a Pathfinder – Option 2

- There is another option to enter a pathfinder request.
- By viewing the surface map of the airport and clicking on the flight which you would like to submit as a potential pathfinder, a box will populate in the lower right of the screen. The operator can click “Create a Candidate,” and it will take them to the Candidate Entry/Removal tab which was shown on Slide 6.
- By utilizing this option, much of the form shown on Slide 6 is prefilled and the operator would only have to add the Reason and NAS element.

*(See the next slide for an example of this display)*

# Entering a Pathfinder – option 2 example

- Suppose the user has clicked on SWA 1434.
- A box appears at the bottom right containing the Create Candidate button.

The screenshot displays the NAS Operations Dashboard interface. The main map shows flight paths around Baltimore/Washington International Thurgood Marshall Airport (BWI). Two prominent purple flight paths are visible, one labeled '10' and the other '28'. The flight information box on the right is titled 'Airport Taxi Status' and lists various airports. A red box highlights the 'Create Candidate' button at the bottom of the flight information box.

**NAS Operations Dashboard** EVALUATION PROTOTYPE

Current Time: 2020-Apr-22 14:17:24  
Threshold Set: NOD\_CALIBRATED

File Edit View Favorites Tools Help

Table View Map View Split View Departure Resource Status Alert Thresholds Live/Playback Mode Contact How to Use SLA Data Status

Map Satellite

ATL DEN DFW DTW MDW MEM ORD PHX SEA

Arrival Departure

ATL BOS BWI CLT DCA DEN DFW EWR FLL IAD IAH JFK LAS LGA MCO MDW MEM MSN ORF PHX PHN SEA SFO SLC

ACID: SWA1434  
Op Type: DEPARTURE  
Destination: KCLT  
Nas Route: KDWI.TERPZ7.GLANC..LYH.MAJIC4.KCLT.0101  
Departure Status: FILED  
Departure Time: 04/22/2020 14:20Z  
Filed Airspeed: 0  
Filed Altitude: 0  
AC Type: B737  
Taxi Time: 1

Create Candidate



# Entering a Pathfinder – option 2 example

- After clicking on Create Candidate the user is taken to the Candidate Entry/Removal tab where the data is mostly filled in.
- The user can now complete the Reason and NAS element then Submit this flight for consideration as a pathfinder.

The screenshot displays the NAS Operations Dashboard interface. The top navigation bar includes tabs for Table View, Map View, Split View, Departure Resource Status, Alert Thresholds, Live/Playback Mode, Contact, How to Use, SLA, and Data Status. The current time is 2020-Apr-22 14:18:39, and the threshold set is NOD\_CALIBRATED. The main content area is divided into two sections: a form for entering candidate flight information and a map view.

**Enter Candidate Flight Information:**

Reason: Pathfinder (selected in a dropdown menu, highlighted with a red box)  
NAS Element: TERPZ  
FlightID (e.g., ABC123): SWA1434  
Origin (e.g., KLGA): KBWI  
Destination (e.g., KATL): KCLT  
NAS Route: KBWI.TERPZ7.GLANC.LYH.MAJIC4.KCLT/0101  
ETD: 22/1420  
Submitter: DRT  
Additional Comments: (text area)  
Submit Clear Form

**Candidate Flights** (Show Ineligible Flights checkbox is checked)

Entry	Flight ID	Origin	Dest.	ETD	Taxi	Reason	NAS Element	Submitter	Comments	Status	Remove
22/1357	SWA1576	KDCA	KMCO	22/1401	00:09	Pathfinder	COLIN	DRT		DEPARTED	

The map view on the right shows a geographical area with various flight paths and waypoints. Key waypoints labeled include ZDC and PHL. The map includes controls for Fix Display Settings, Route Display Settings, Recenter Map, Weather, Animation, and Map Overlay.

# Entering a Pathfinder – option 2 example

- The confirmation box would appear like before.
- Then the flight would be added to the list of candidate pathfinder flights for the traffic manager to consider (indicted in red below).

**NAS Operations Dashboard** EVALUATION PROTOTYPE Current Time: 2020-Apr-22 14:18:54  
Threshold Set: NOD\_CALIBRATED

Table View | Map View | Split View | Departure Resource Status | Alert Thresholds | Live/Playback Mode | Contact | How to Use | SLA | Data Status

EAST-NORTH | CENTRAL-NORTH | **Candidate Entry/Removal** | Pathfinder/Alternate Route Candidates | Viewer/Tracker

**Enter Candidate Flight Information:**

Reason:

NAS Element:

FlightID (e.g., ABC123):

Origin (e.g., KLGA):

Destination (e.g., KATL):

NAS Route:

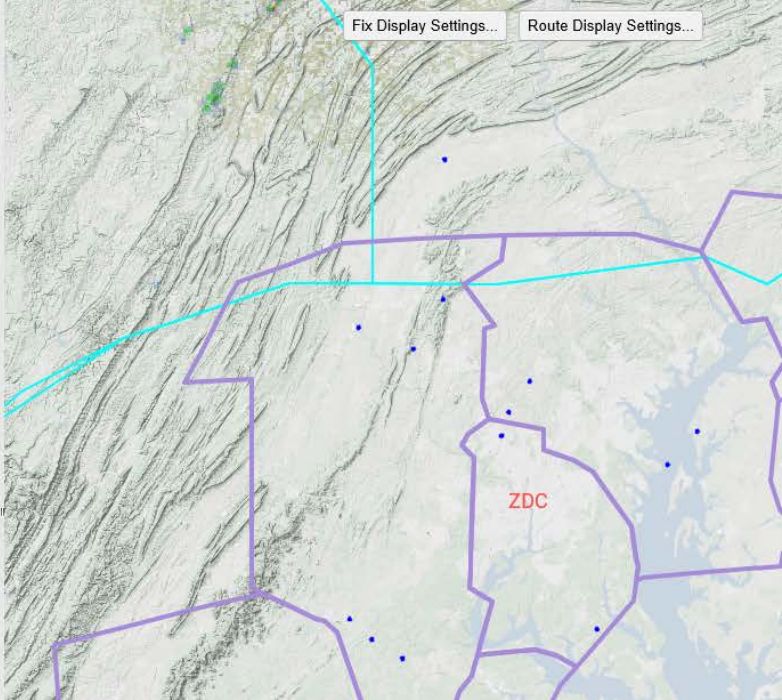
ETD:

Submitter:

Additional Comments:

**Candidate Flights** ☒ Show Ineligible Flights

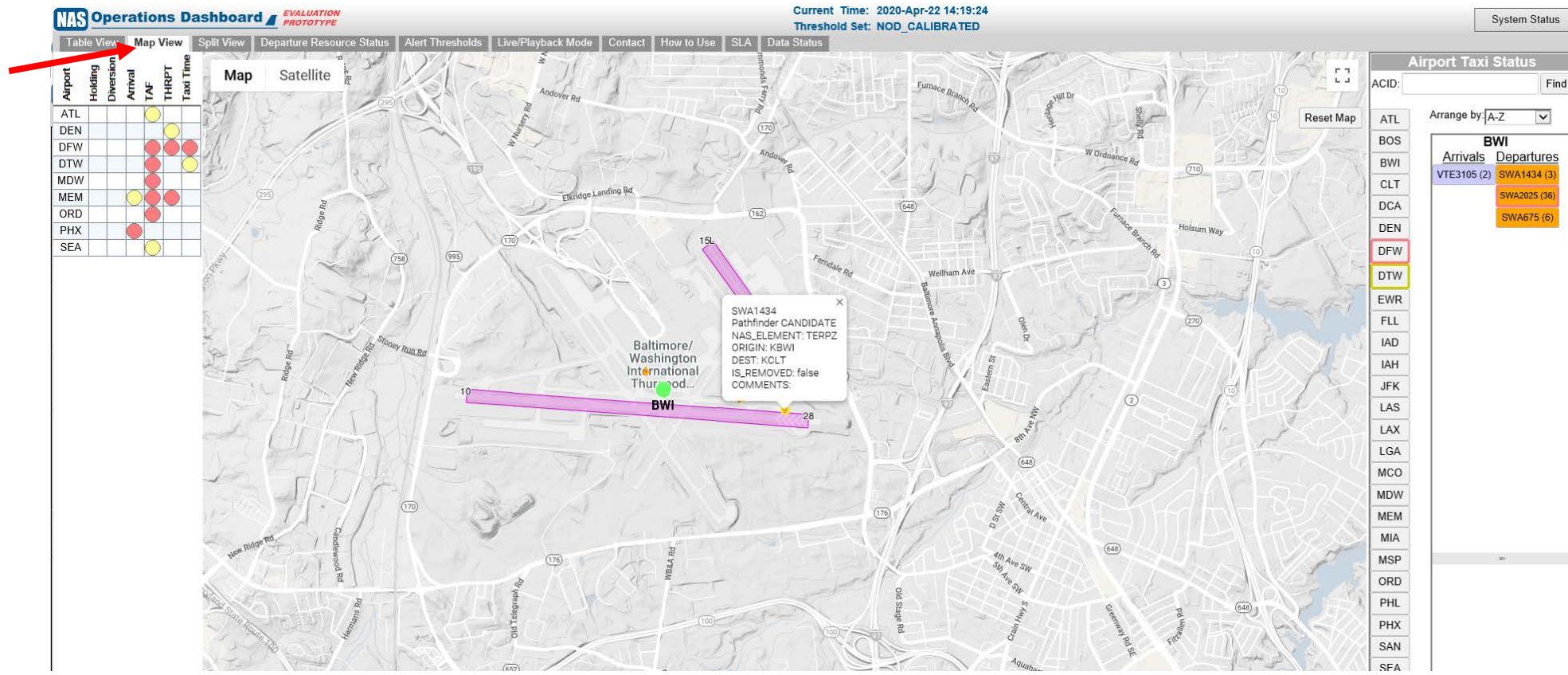
Entry	Flight ID	Origin	Dest.	ETD	▲ Taxi	Reason	NAS Element	Submitter	Comments	Status	Remove
22/1357	SWA1576	KDCA	KMCO	22/1401	00:09	Pathfinder	COLIN	DRT		DEPARTED	
22/1419	SWA1434	KBWI	KCLT	22/1420	00:01	Pathfinder	TERPZ	DRT		PENDING	<input type="button" value="Remove"/>





# Pathfinder/Alternate Route Candidates

- The facilities would be able to see the list of candidates able to take alternate routes and, if they had not departed, could view them on the surface by clicking on Map View.



# Candidate Entry/Removal

- Prior to the flight taking off, the operator can remove the flight from consideration by clicking on Remove in the candidate flight list.
- After clicking remove, a confirmation box will appear to confirm the removal.
- The Candidate Flight list will indicate that that flight has been removed. *(See graphic on next slide)*

*The CDM community will adhere to ethical standards by only adding/removing their own operation's flights*

# Candidate Entry/Removal

- Let's remove SWA426 from the Candidate Flight list
  - We click on remove at the end of the line
  - The Confirm/Cancel box appears
  - Once confirmed the flight now indicates it has been removed.

The screenshot displays the NAS Operations Dashboard interface. The top navigation bar includes tabs for Table View, Map View, Split View, and various operational status tabs. The 'Candidate Entry/Removal' tab is active. Below this, there is a form to 'Enter Candidate Flight Information' with fields for Reason, NAS Element, Flight ID, Origin, Destination, NAS Route, ETD, Submitter, and Additional Comments. At the bottom, a table titled 'Candidate Flights' lists flight data. The flight SWA426 is highlighted, and its status is 'REMOVED', which is circled in red. A map on the right side of the dashboard shows flight paths and locations, with 'ZDC' marked.

Entry	Flight ID	Origin	Dest.	ETD	Taxi	Reason	NAS Element	Submitter	Comments	Status	Remove
28/2041	SWA426	KBWI	KIND		00:00	Pathfinder	TERPZ	DRT		REMOVED	
28/1629	SWA668	KBWI	KCVG	28/1636	00:00	Priority		DRT	[...]	PENDING	Remove

# Candidate Entry/Removal

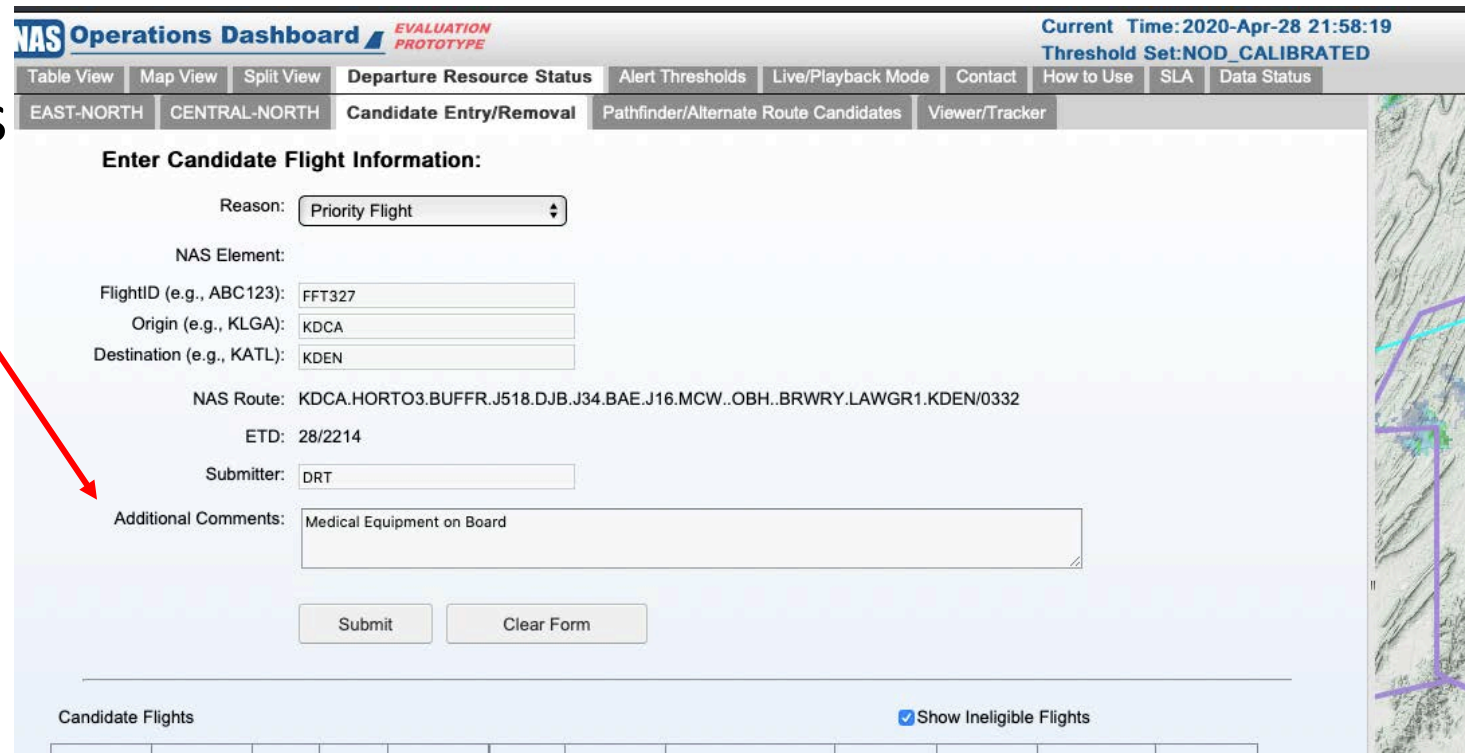
- The other Reasons (Low Altitude Routes and Fix Balancing) are entered and removed in the same way as the pathfinder example. They just have different NAS elements.
- The only difference is how the Priority flights are entered and that is shown on the next few slides.

# NAS Element - Priority Flights

- If the Priority Flights option is selected by clicking on the Departure Resource Status tab and by then accessing the Candidate Entry/Removal tab.
- The difference is that the operator will be required to fill in the Additional Comments section in the Candidate Entry/Removal tab.
- This can be used for PPE flights, crew legality issues, etc.

# Inputs –Candidate Entry/Removal

- Here is an example of a Priority flight for Special medical equipment on board.
- Notice there is no NAS element as we are just giving the facility information of the priority in the Additional Comments section.
- Once submitted, it will populate as a Candidate flight.



**NAS Operations Dashboard** EVALUATION PROTOTYPE Current Time: 2020-Apr-28 21:58:19  
Threshold Set: NOD\_CALIBRATED

Table View | Map View | Split View | **Departure Resource Status** | Alert Thresholds | Live/Playback Mode | Contact | How to Use | SLA | Data Status

EAST-NORTH | CENTRAL-NORTH | **Candidate Entry/Removal** | Pathfinder/Alternate Route Candidates | Viewer/Tracker

**Enter Candidate Flight Information:**

Reason:

NAS Element:

FlightID (e.g., ABC123):

Origin (e.g., KLGA):

Destination (e.g., KATL):

NAS Route:

ETD:

Submitter:

Additional Comments:

Candidate Flights ☒ Show Ineligible Flights

# View/Tracker tab

- The View Tracker tab (*see next slide*) allows the user to follow the flights as they are flying on their particular routes once airborne.
- By checking the View on Map box, you will see the flight path displayed on the map.
- The blue line will be the actual flight path and the grey line will be the filed route. (See next slide for a visual.)



# View/Tracker tab

**NAS Operations Dashboard** EVALUATION PROTOTYPE

Current Time: 2020-Apr-22 15:19:54  
Threshold Set: NOD\_CALIBRATED

System Status

Table View | Map View | Split View | Departure Resource Status | Alert Thresholds | Live/Playback Mode | Cont | How to Use | SLA | Data Status

EAST-NORTH | CENTRAL-NORTH | Candidate Entry/Removal | Pathfinder/Alternate Route Candidates | **Viewer/Tracker**

Counts: double click on a count to list those flights

Flight data update time: 2020 Apr 22 at 15:19

Fix Balancing From	To Fix	Last 2 Hours (Counts)
NEION	GAYEL	1
GAYEL	GREKI	1

Pathfinder	Active (Flight Count)	Last 2 Hours (Counts)	Priority	Active (Flight Count)	Last 2 Hours (Counts)	Low Alt. Route	Active (Flight Count)	Last 2 Hours (Counts)
						ZNY West capping	8	8

Flights: Showing All

Reason	Entry Time	FlightID	Origin	Destination	NAS Element	Comments	Route	ATD	View on Surface	View on Map
LOW_ALT_	22/1203	LN878CS	KPHL	KDPA	ZNY West capping		KPHL./PHL332020..PENSY	22/1359	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1220	AAL1781	KPHL	KDEN	ZNY West capping		KPHL./ETX176021..BWZ25	22/1241	<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1233	UPS5546	KPHL	KSLC	ZNY West capping		KPHL..PTW..SARAA..RAV..		<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1237	AAL696	KPHL	KLAS	ZNY West capping		KPHL./PARKE261040..LNK	22/1237	<input type="checkbox"/>	<input type="checkbox"/>
FIX_BALAN	22/1327	CAL5321	KJFK	PANC	NEION->GA		KJFK./JFK046019..GAYEL	22/1327	<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1342	AAL566	PHL	LAX	ZNY West capping		KPHL..PTW..SARAA..RAV..		<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1350	JIA5165	PHL	GRR	ZNY West capping		KPHL..PTW..SARAA..RAV..		<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1455	EJA775	KPHL	KSFO	ZNY West capping		KPHL..PTW..SARAA..RAV..		<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	22/1501	UPS2424	KPHL	KLGB	ZNY West capping		KPHL..PTW..SARAA..RAV..		<input type="checkbox"/>	<input type="checkbox"/>
FIX_BALAN	22/1514	EJM889	KHPN	KHPN	GAYEL->G		KHPN./PWL163014..VALR	22/1506	<input type="checkbox"/>	<input type="checkbox"/>

Map View: Fix Display Settings... Route Display Settings... Recenter Map

Weather Animation Map Overlay

Google

NEXRAD Reflectivity at 2020-04-22 15:15 Map data ©2020 Google Terms of Use Report a map error



# View/Tracker tab

- By double clicking on a number (For example the number 3 in Active (Flight Counts) in the Low Altitude Route box)
  - The flights will populate the display which shows the flight data
  - This also allows the user to view them on the map by checking the View on Map box.
- Carrier specific filtering is also accessed here (outlined in blue).

**NAS Operations Dashboard** EVALUATION PROTOTYPE Current Time: 2020-Apr-29 18:07:52  
Threshold Set: NOD\_CALIBRATED

Table View | Map View | Split View | Departure Resource Status | Alert Thresholds | Live/Playback Mode | Contact | How to Use | SLA | Data Status

EAST-NORTH | CENTRAL-NORTH | Candidate Entry/Removal | Pathfinder/Alternate Route Candidates | **Viewer/Tracker**

Counts: double click on a count to list those flights Flight data update time: 2020 Apr 29 at 18:07

Pathfinder	Active (Flight Count)	Last 2 Hours (Counts)	Priority	Active (Flight Count)	Last 2 Hours (Counts)	Low Alt. Route	Active (Flight Count)	Last 2 Hours (Counts)
			PRIORITY	4	4	ZNY West capping	3	3
						LIMBO	1	1

Flights: LOW ALT ROUTES ZNY West capping 2HR

Carrier: **off** List All Clear

Reason	Entry Time	FlightID	Origin	Destination	NAS Element	Comments	Route	ATD	View on Surface	View on Map
LOW_ALT_	29/1501	DCM9350	KPHL	KLAX	ZNY West capping		KPHL..PTW..SARAA..RAV.	29/1803	<input type="checkbox"/>	<input checked="" type="checkbox"/>
LOW_ALT_	29/1512	ASA1331	KPHL	KSEA	ZNY West capping		KPHL./ABR306072..MLP.C	29/1512	<input type="checkbox"/>	<input type="checkbox"/>
LOW_ALT_	29/1321	UPS5546	KPHL	KSLC	ZNY West capping		KPHL./SEG130032..DVV..	29/1538	<input type="checkbox"/>	<input type="checkbox"/>

# Pathfinder summary

- Again this tool is set to go live May of 2020 for just the Washington DC metro airports.
- The hope is there will be enough usage and data obtained throughout the summer to obtain feedback for improvements to this capability, make the process a permanent part of departure management in the NAS, and encourage the use by other facilities next year.