

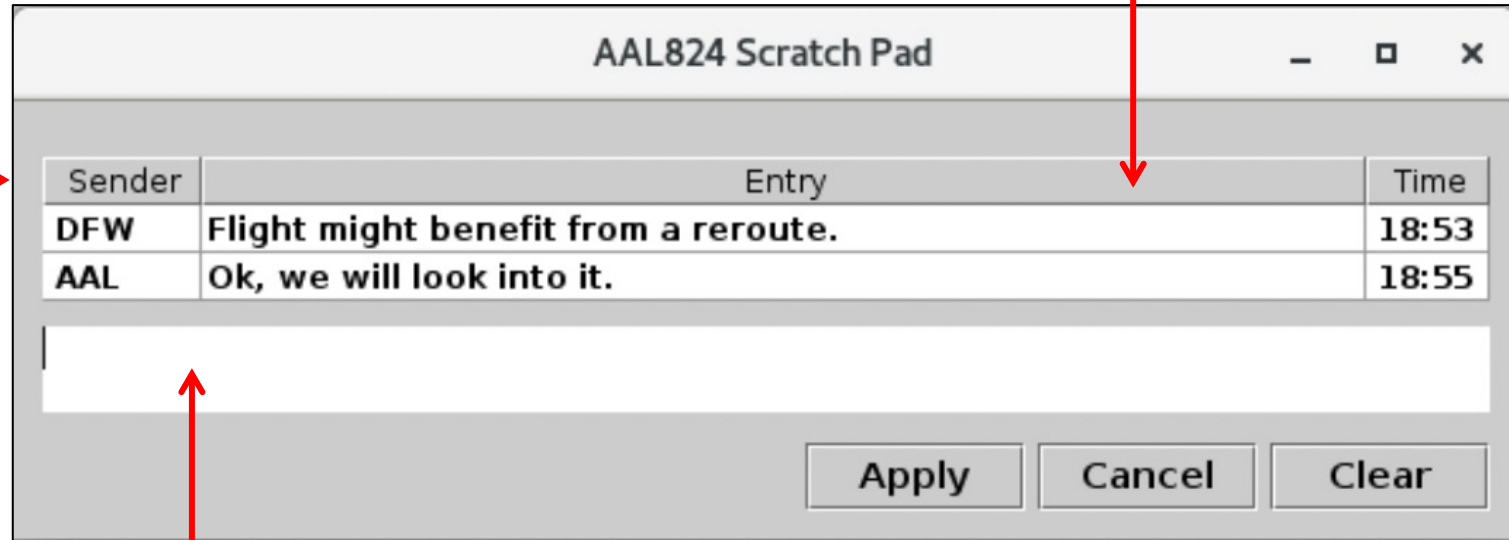
# New Scratch Pad Features

ATD-2 Metroplex Planner v6.0

- History of Scratch Pad entries is displayed in the Scratch Pad window.

Previous Scratch Pad entries.

Facility where previous entry was made.



The screenshot shows a window titled "AAL824 Scratch Pad" with a table of previous entries and a blank text field for a new entry. The table has three columns: "Sender", "Entry", and "Time".

Sender	Entry	Time
DFW	Flight might benefit from a reroute.	18:53
AAL	Ok, we will look into it.	18:55

Below the table is a large, empty text input field. At the bottom of the window are three buttons: "Apply", "Cancel", and "Clear".

Time of previous entry.

Blank text field for new entry.

- Support awareness of new Scratch Pad entries in the TOS Departure Table.

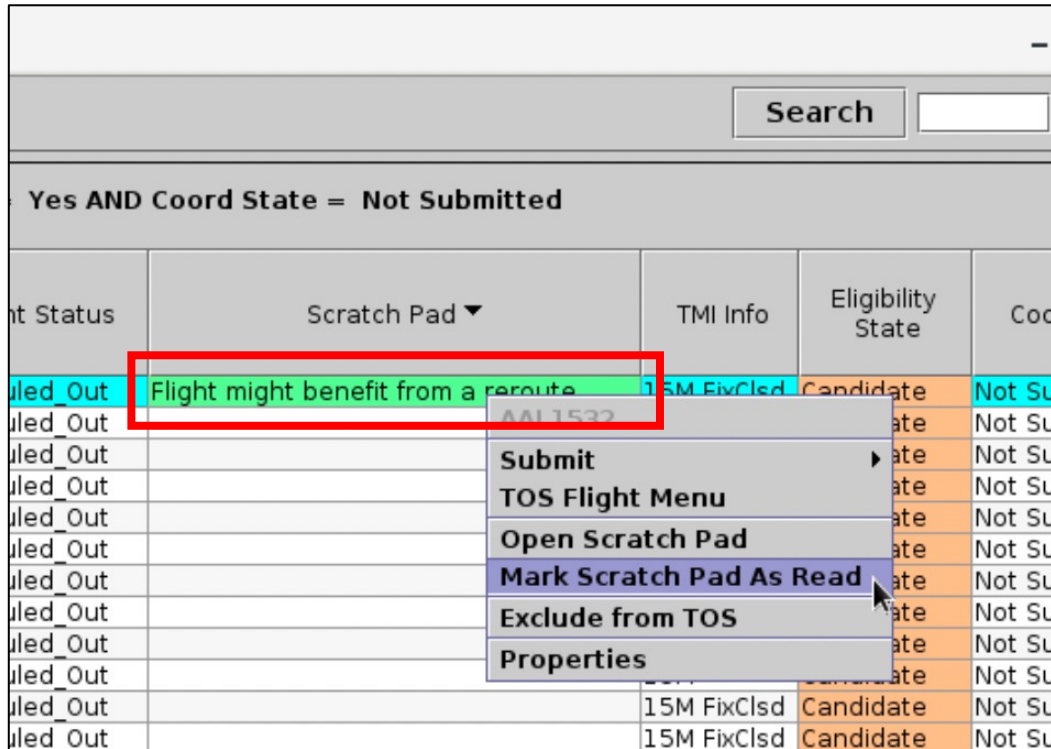
New Scratch Pad entries are automatically highlighted in green.

Flight Operator - AAL TOS Operations at 18:53 Z

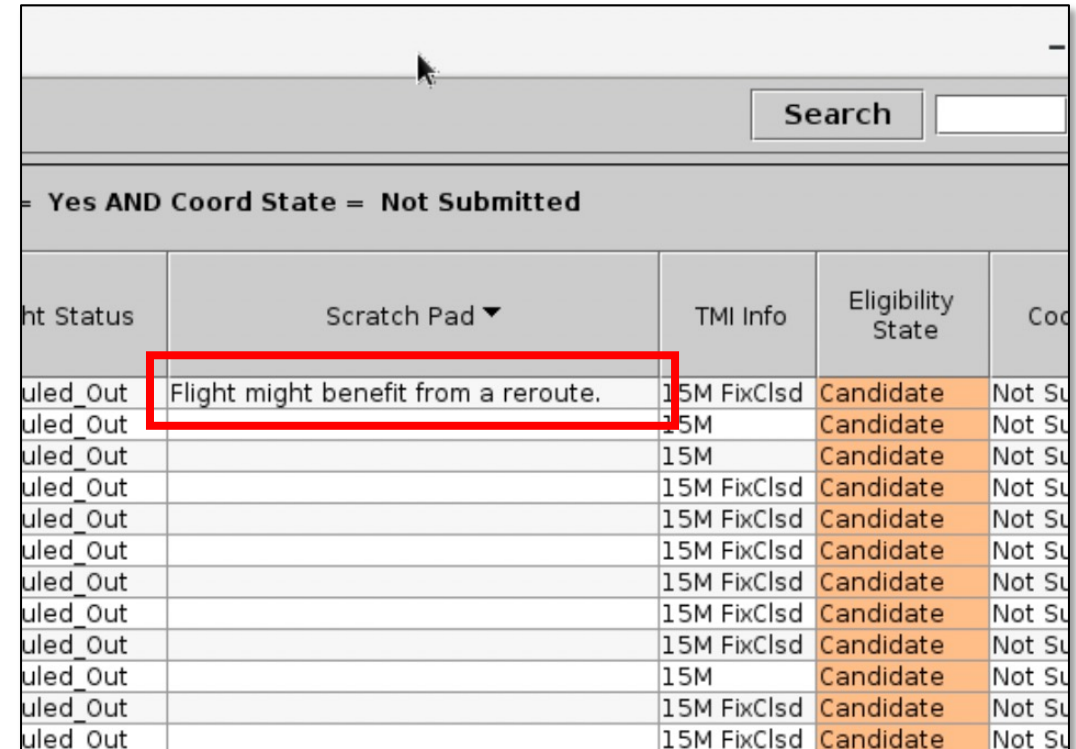
TOS Departure - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord Stat

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg AAL Fleet Del Sav	Flight Status	Scratch Pad ▼	TMI Info	Eligibility State
AAL824	E17R	DTW	KDFW.ZACH...	EAST	12/19:07	12/20:47	19:25	DFWDTW1N	-82	-99.3	Scheduled_Out	Flight might benefit from a reroute.	15M FixClsd	Candidate
AAL1316	E17R	FLL	KDFW.MRSS...	EAST	12/18:46	12/19:45	19:06	DFWFLL1S	-39	-90.1	Pushback		15M	Candidate
ASH5809	E17R	SDF	KDFW.ZACH...	EAST	12/18:46	12/19:38	19:02	DFWSDF1N	-36	-90.1	Pushback		15M FixClsd	Candidate
AAL785	E17R	BNA	KDFW.TRYTN...	EAST	12/18:47	12/20:06	19:09	DFWBNA1N	-57	-93.6	Scheduled_Out		15M FixClsd	Candidate
ASH5814	E17R	TYS	KDFW.TRYTN...	EAST	12/18:48	12/19:31	19:02	DFWTYS1N	-29	-90.1	Pushback		15M FixClsd	Candidate
AAL1280	E17R	EWR	KDFW.TRYTN...	EAST	12/18:49	12/19:35	19:02	DFWEWRJ3	-32	-90.1	Pushback		15M FixClsd	Candidate
AAL2533	E17R	PHL	KDFW.FORCK...	EAST	12/18:52	12/19:52	19:06	DFWPHLJ3	-46	-90.1	Pushback		15M FixClsd	Candidate
AAL1628	E17R	MEM	KDFW.FORCK...	EAST	12/18:52	12/19:42	19:06	DFWMEM1N	-36	-90.1	Pushback		15M FixClsd	Candidate
AAL2716	E17R	MCO	KDFW.MRSS...	EAST	12/18:55	12/20:16	19:09	DFWMCO1S	-67	-100.5	Scheduled_Out		15M	Candidate
ASH5915	E17R	PIA	KDFW.ZACH...	EAST	12/18:58	12/20:30	19:13	DFWP1A0P	-77	-100.5	Scheduled_Out		15M FixClsd	Candidate

- Use the “Mark Scratch Pad as Read” option on the right-click menu to remove the green highlight.



Flight Status	Scratch Pad	TMI Info	Eligibility State	Coord
uled_Out	Flight might benefit from a reroute.	15M FixClsd	Candidate	Not Su
uled_Out	AA11522		ate	Not Su
uled_Out			ate	Not Su
uled_Out			ate	Not Su
uled_Out			ate	Not Su
uled_Out			ate	Not Su
uled_Out			ate	Not Su
uled_Out			ate	Not Su
uled_Out			ate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su

Flight Status	Scratch Pad	TMI Info	Eligibility State	Coord
uled_Out	Flight might benefit from a reroute.	15M FixClsd	Candidate	Not Su
uled_Out		15M	Candidate	Not Su
uled_Out		15M	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su
uled_Out		15M FixClsd	Candidate	Not Su

# Example of Making Scratch Pad Entries

ATD-2 Metroplex Planner v6.0

# Example Making Scratch Pad Entries



Metroplex Planner - DFW TOS Operations at 01:57 Z

Search  Clear

TOS Departure - Runway = DFW:17R,DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Num TOS Cand	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
ENY4012	E17R	LIT	KDFW.ZACHH3.BSKAT..LIT..KLIT/0045	EAST	13/02:35	13/03:08	Scheduled_Out	15M FixClsd		Candidate	Not Submitted	1	DFWLIT1N	NORTH	-20	17R	02:49
ENY3772	E17R	DAY	KDFW.TRYTN3.LOOSE..MEM,J29.PXV..S...	EAST	13/02:35	13/03:15	Scheduled_Out	15M FixClsd		Candidate	Not Submitted	1	DFWDAY1N	NORTH	-26	17R	02:50
ENY3809	E17R	IND	KDFW.ZACHH3.BSKAT..LIT..TERGE.SM...	EAST	13/02:35	13/03:19	Scheduled_Out	15M FixClsd		Candidate	Not Submitted	1	DFWIND1N	NORTH	-26	17R	02:53
ENY4381	E17R	HSV	KDFW.FORCK2.FORCK..ELD..MEI..DCU.....	EAST	13/02:40	13/03:22	Scheduled_Out	15M FixClsd		Candidate	Not Submitted	1	DFWHSV1N	NORTH	-29	17R	02:53

TOS Departure - Runway = DFW:17R,DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Num TOS Sub	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
AAL2044	E17R	ORD	KDFW.ZACHH3....	EAST	13/02:35	13/03:05	Scheduled_Out	15M FixClsd		Candidate	FO Submitted	1	DFWORDKK	NORTH	-18	18L	02:47

TOS Departure - Runway = DFW:17R,DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Coord State = ATC Approved

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
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TOS Departure - Runway = DFW:17R,DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Coord State = Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
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TOS Departure - Runway = DFW:17R,DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
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Add Table

In the following example, the Tower would like to make a Scratch Pad entry in response to a recent TOS submission.

Metroplex Planner - DFW TOS Operations at 01:58 Z

,DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Coord State = FO Submitted

ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Num TOS Sub
13/03:09	Scheduled_Out	15M FixClsd		Candidate	FO Submitted	1

AAL2044

- Approve ▶
- TOS Flight Menu
- Open Scratch Pad**
- Mark Scratch Pad As Read
- Exclude from Fix Closure
- Exclude from MIT
- Change Runway ▶
- Change Departure Fix ▶
- OPSNET
- Emergency ▶
- Suspend
- Delete Datablock
- Properties

- From the TOS Table in the **Tower**, open the right-click menu and select “**Open Scratch Pad.**”

# Example Making Scratch Pad Entries



The screenshot shows a window titled "AAL2044 Scratch Pad" with a table at the top containing columns for "Sender", "Entry", and "Time". Below the table is a large, empty text entry field. At the bottom of the window are three buttons: "Apply", "Cancel", and "Clear". A red arrow points from the text "Text entry field." below to the text entry field in the window.

Text entry field.

The screenshot shows the same "AAL2044 Scratch Pad" window. The text entry field now contains the text: "Unable due to pending taxi plan change that will negate TOS benefit." The "Apply" button at the bottom is highlighted with a red rectangular box, and a mouse cursor is pointing at it.

- Make the Scratch Pad entry in the text field.

- When complete, select **“Apply.”**



# Example Making Scratch Pad Entries



Flight Operator - AAL TOS Operations at 02:01 Z							
PP TOT	Top CDR	Top OFF Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
42	DFWORDKK	-33	Unable due to pending...	Scheduled_Out	15M FixClsd	Candidate	FO Submitted

- At the **Flight Operator**, the new Scratch Pad entry is automatically highlighted in green.

Flight Operator - AAL TOS Operations at 02:02 Z							
PP TOT	Top CDR	Top OFF Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
44	DFWORDKK	-32	Unable due to pending...	Scheduled_Out	15M FixClsd	Candidate	FO Submitted

Unable due to pending taxi plan change that will negate TOS benefit.

- If the full entry isn't visible, use the mouse to hover over the Scratch Pad column.

# Example Making Scratch Pad Entries



Flight Operator - AAL TOS Operations at 02:02 Z

pp TOT	Top CDR	Top OFF Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
44	DFWORDKK	-32	Unable due to pending...	Scheduled_Out	15M FixClsd	Candidate	FO Submitted

Right-click context menu for row 44:

- Submit
- Undo Submit
- TOS Flight Menu
- Open Scratch Pad
- Mark Scratch Pad As Read**
- Properties

- From the TOS Table at the **Flight Operator**, open the right-click menu and select **“Mark Scratch Pad As Read”** to remove the green highlight from the Scratch Pad column.

Flight Operator - AAL TOS Operations at 02:02 Z

pp TOT	Top CDR	Top OFF Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
46	DFWORDKK	-32	Unable due to pending...	Scheduled_Out	15M FixClsd	Candidate	FO Submitted

Flight Operator - AAL TOS Operations at 02:02 Z

Op TOT	Top CDR	Top OFF Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
46	DFWORDKK	-32	Unable due to pending	Scheduled Out	1EM Fiv Clsd	Candidate	FO Submitted

AAL2044

- Submit ▶
- Undo Submit ▶
- TOS Flight Menu
- Open Scratch Pad**
- Mark Scratch Pad As Read
- Properties

- From the TOS table at the **Flight Operator**, open the right-click menu and select “**Open Scratch Pad.**”

# Example Making Scratch Pad Entries



Earlier Scratch Pad entry.

Facility where previous entry was made.

Sender	Entry	Time
DFW	Unable due to pending taxi plan change that will negate TOS ...	01:59

Apply Cancel Clear

Time of previous entry.

Sender	Entry	Time
DFW	Unable due to pending taxi plan change that will negate TOS ...	01:59

Unable due to pending taxi plan change that will negate TOS benefit.

Apply Cancel Clear

If the full entry isn't visible, use the mouse to hover over a previous Scratch Pad entry.

# Example Making Scratch Pad Entries



AAL2044 Scratch Pad

Sender	Entry	Time
DFW	Unable due to pending taxi plan change that will negate TOS ...	01:59

Text entry field

Apply Cancel Clear

- Make the next Scratch Pad entry in the text field.

AAL2044 Scratch Pad

Sender	Entry	Time
DFW	Unable due to pending taxi plan change that will negate TOS ...	01:59

Okay, thanks.

Apply Cancel Clear

- When complete, select **“Apply.”**

# Example Making Scratch Pad Entries



Metroplex Planner - DFW TOS Operations at 02:05 Z

DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Coord State = FO Submitted

ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Num TOS Sub
13/03:09	Scheduled_Out	15M FixClsd	Okay, thanks.	Candidate	FO Submitted	1

AAL 2044

- Approve
- TOS Flight Menu
- Open Scratch Pad
- Mark Scratch Pad As Read**
- Exclude from Fix Closure
- Exclude from MIT
- Change Runway
- Change Departure Fix

- From the TOS table in the **Tower**, open the right-click menu and select **“Mark Scratch Pad As Read”** to remove the green highlight from the Scratch Pad column.

Metroplex Planner - DFW TOS Operations at 02:05 Z

DFW:35L,DFW:18L,DFW:36R,DFW:31R,DFW:31L AND Coord State = FO Submitted

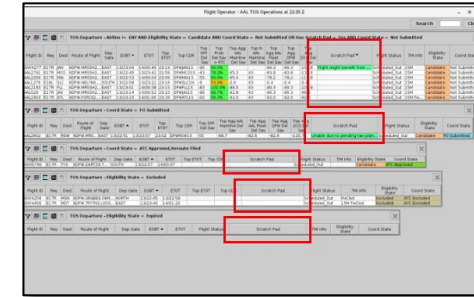
ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	Num TOS Sub
13/03:20	Scheduled_Out	15M FixClsd	Okay, thanks.	Candidate	FO Submitted	1

# Configuring the TOS Departure Table for Scratch Pad Entries

ATD-2 Metroplex Planner v6.0

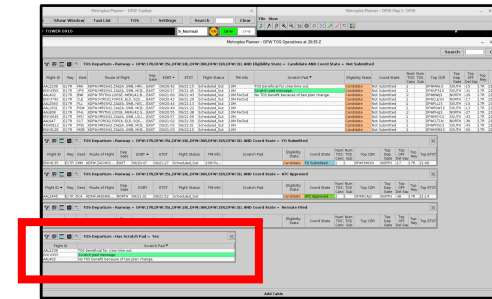
- There are three ways to configure TOS tables to ensure that Scratch Pad entries are visible.

**A** Insert the Scratch Pad column into each existing table.



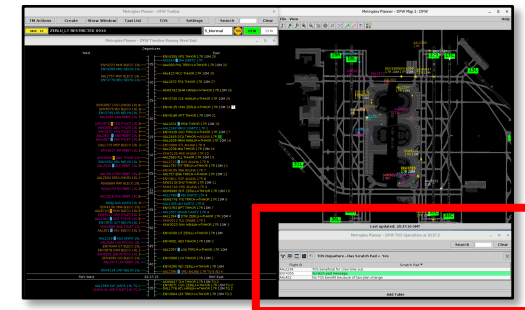
[Slide 17](#)

**B** Add a new TOS table at the bottom of the other TOS tables which shows only flights with Scratch Pad entries.



[Slide 32](#)

**C** Create a single, separate TOS table, exclusively for flights with Scratch Pad entries.



[Slide 46](#)



# Approach A: Add the “Scratch Pad” Column to Each Existing TOS Table

ATD-2 Metroplex Planner v6.0

- Approach A: Add the “Scratch Pad” column to each existing TOS table.

Flight Operator - AAL TOS Operations at 22:35 Z

Search  Clear

TOS Departure - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Top Off Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ENY4277	E17R	JAN	KDFW.MRSSH2...	EAST	13/23:04	14/00:49	23:19	DFWJAN1S	-90	99.0%			-99.3	-99.3	-10.8	Flight might benefit from...	Scheduled Out	15M	Candidate	Not Submitted
AAL2791	E17R	MCO	KDFW.MRSSH2...	EAST	13/22:46	13/23:42	22:59	DFWMC01S	-43	78.2%	-65.3	43	-83.8	-83.8	-13.4		Scheduled Out	15M	Candidate	Not Submitted
AAL2266	E17R	MIA	KDFW.MRSSH2...	EAST	13/22:53	14/00:04	23:09	DFWMIA1S	-55	99.6%	-65.4	43	-78.2	-78.2	-11.8		Scheduled Out	15M	Candidate	Not Submitted
AAL1276	E18L	SLC	KDFW.NELVNB...	SOUTH	13/22:58	13/23:22	23:16	DFWSLC1N	-6	53.6%	-2.6	43	-0.4	-0.4	-0.4		Scheduled Out	15M	Candidate	Not Submitted
AAL2183	E17R	FLL	KDFW.MRSSH2...	EAST	13/23:01	14/00:38	23:15	DFWFLL1S	-83	100.0%	-88.5	43	-99.3	-99.3	-10.8		Scheduled Out	15M	Candidate	Not Submitted
AAL529	E17R	JAX	KDFW.MRSSH2...	EAST	13/23:14	14/00:52	23:23	DFWJAX1S	-89	99.7%	-92.8	43	-96.3	-96.3	-99.0		Scheduled Out	15M	Candidate	Not Submitted
AAL2403	E17R	ATL	KDFW.FORCK2...	EAST	13/23:23	14/01:06	23:34	DFWATL1S	-92	98.3%	-92.0	43	-92.0	-92.0	-92.0		Scheduled Out	15M Fik...	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Top Off Del Sav	Top Agg AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad	Flight Status	Eligibility State	Coord State
AAL2902	E17R	RSW	KDFW.MRS...	EAST	13/22:51	13/23:57	23:02	DFWRSW1S	-55	-68.7	-82.6	-82.6	-120.7	Unable due to pending taxi plan...	Scheduled Out	Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved,Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ASH5740	E17R	TYS	KDFW.DARTZ8.T...	SOUTH	13/22:57	14/00:07				Scheduled Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ENY4256	E17R	MSN	KDFW.GRABEB.OKM...	NORTH	13/22:45	13/22:58				Scheduled Out	FixClsd	Excluded	ATC Excluded
ENY4456	E17R	MDT	KDFW.TRYTN3.L00S...	EAST	13/23:40	14/01:20				Scheduled Out	15M FixClsd	Excluded	ATC Excluded

TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Flight Status	Scratch Pad	TMI Info	Eligibility State	Coord State

Add Table

We'll use Column Settings, Filters, Properties, and Sorting to configure the existing tables.

1 Select the “**Show/Hide Columns**” icon.

Flight ID	Rwy	Dest	Route of F
SKW2997	E17R	TLH	KDFW.MRSS
AAL2708	E17R	LGA	KDFW.AKUN
AAL1771	E18L	LAS	KDFW.WSTE
AAL1060	E18L	SAN	KDFW.NELYI
AAL508	E18L	ONT	KDFW.NELYI
SKW3237	E17R	FWA	KDFW.AKUN
AAL1086	E18L	PSP	KDFW.NELYI
AAL1430	E18L	SFO	KDFW.WSTE

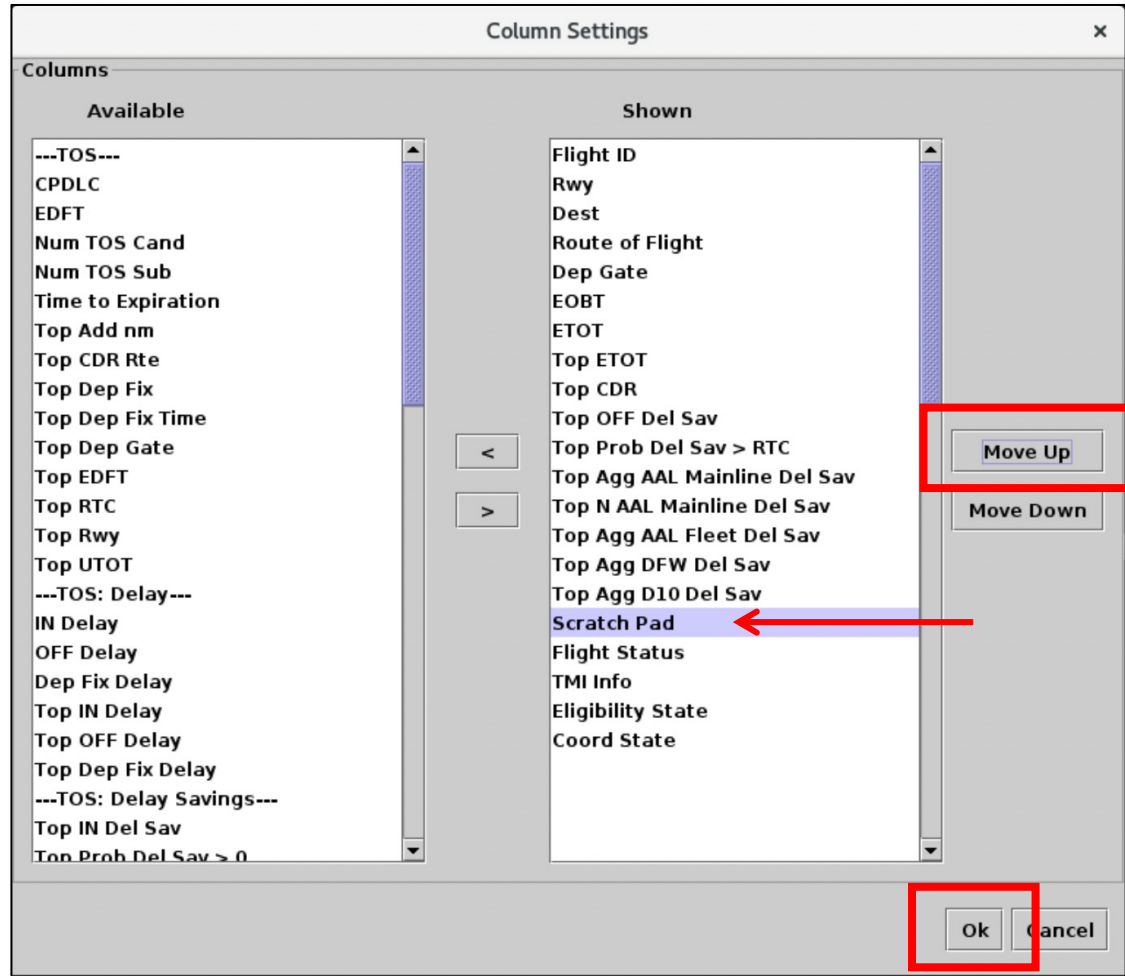


Column Settings

Available	Shown
---TOS---	Flight ID
CPDLC	Rwy
EDFT	Dest
Num TOS Cand	Route of Flight
Num TOS Sub	Dep Gate
<b>Scratch Pad</b>	EOBT
Time to Expiration	ETOT
Top Add nm	Top ETOT
Top CDR Rte	Top CDR
Top Dep Fix	Top OFF Del Sav
Top Dep Fix Time	Top Prob Del Sav > RTC
Top Dep Gate	Top Agg AAL Mainline Del Sav
Top EDFT	Top N AAL Mainline Del Sav
Top RTC	Top Agg AAL Fleet Del Sav
Top Rwy	Top Agg DFW Del Sav
Top UTOT	Top Agg D10 Del Sav
---TOS: Delay---	Flight Status
IN Delay	TMI Info
OFF Delay	Eligibility State
Dep Fix Delay	Coord State
Top IN Delay	
Top OFF Delay	
Top Dep Fix Delay	
---TOS: Delay Savings---	
Top IN Del Sav	

2 Select “**Scratch Pad**” from the “Available” column on the left.

3 Use the right-arrow to move the “**Scratch Pad**” to the “Shown” column on the right.



- 4 Use the **“Move Up”** button to reposition the **“Scratch Pad”** column.
- 5 When complete, select **“Ok.”**
- 6 Repeat this process for each existing TOS table.

- The “Scratch Pad” column is now included in each TOS table.

Flight Operator - AAL TOS Operations at 22:35 Z

Search  Clear

TOS Departure - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EObt ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad ▼	Flight Status	TMI Info	Eligibility State	Coord State
ENY4277	E17R	JAN	KDFW.MRSSH2...	EAST	13/23:04	14/00:49	23:19	DFWJAN1S	-90	99.0%	-65.3	43	-99.3	-99.3	-10.8	Flight might benefit from ...	Scheduled_Out	15M	Candidate	Not Submitted
AAL2791	E17R	MCO	KDFW.MRSSH2...	EAST	13/22:46	13/23:42	22:59	DFWMC01S	-43	78.2%	-65.4	43	-83.8	-83.8	-13.4		Scheduled_Out	15M	Candidate	Not Submitted
AAL2266	E17R	MIA	KDFW.MRSSH2...	EAST	13/22:53	14/00:04	23:09	DFWMIA1S	-55	99.6%	-65.4	43	-78.2	-78.2	-11.8		Scheduled_Out	15M	Candidate	Not Submitted
AAL1276	E18L	SLC	KDFW.NELYN6...	SOUTH	13/22:58	13/23:22	23:16	DFWSLC1N	-6	53.6%	-2.6	43	-0.4	-0.4	-0.4		Scheduled_Out	15M	Candidate	Not Submitted
AAL2183	E17R	FLL	KDFW.MRSSH2...	EAST	13/23:01	14/00:38	23:15	DFWFL11S	-83	100.0%	-88.5	43	-99.3	-99.3	-10.8		Scheduled_Out	15M	Candidate	Not Submitted
AAL529	E17R	JAX	KDFW.MRSSH2...	EAST	13/23:14	14/00:52	23:23	DFWJAX1S	-89	99.7%	-92.8	43	-96.3	-96.3	-99.3		Scheduled_Out	15M	Candidate	Not Submitted
AAL2403	E17R	ATL	KDFW.FORCK2...	EAST	13/23:23	14/01:06	23:34	DFWATL1S	-92	98.3%	-92.0	43	-92.0	-92.0	-92.0		Scheduled_Out	15M Fix...	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EObt ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
AAL2902	E17R	RSW	KDFW.MRS...	EAST	13/22:51	13/23:57	23:02	DFWRSW1S	-55	-68.7	-82.6	-82.6	-120.7	Unable due to pending taxi plan...	Scheduled_Out		Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved, Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EObt ▲	ETOT	Top ETOT	Top CDR	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ASH5740	E17R	TYS	KDFW.DARTZ8.T...	SOUTH	13/22:57	14/00:07				Scheduled_Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EObt ▲	ETOT	Top ETOT	Top CDR	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ENY4256	E17R	MSN	KDFW.GRABER.OKM...	NORTH	13/22:45	13/22:58				Scheduled_Out	FixClsd	Excluded	ATC Excluded
ENY4456	E17R	MDT	KDFW.TRYTN3.LOOS...	EAST	13/23:40	14/01:20				Scheduled_Out	15M FixClsd	Excluded	ATC Excluded

TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EObt ▲	ETOT	Flight Status	Scratch Pad	TMI Info	Eligibility State	Coord State

Add Table

- Some users configure the first TOS table to show flights with “Candidate” routes that have not yet been submitted (“Not Submitted”).

Flight Operator - AAL TOS Operations at 22:35 Z

TOS Departure - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ENY4277	E17R	JAN	KDFW.MRSSH2...	EAST	13/23:04	14/00:49	23:19	DFWJAN1S	-90	99.0%			-99.3	-99.3	-102.8	Flight might benefit from ...	Scheduled Out	15M	Candidate	Not Submitted
AAL2791	E17R	MCO	KDFW.MRSSH2...	EAST	13/22:46	13/23:42	22:59	DFWMC01S	-43	78.2%	-65.3	43	-89.8	-89.8	-131.4		Scheduled Out	15M	Candidate	Not Submitted
AAL2266	E17R	MIA	KDFW.MRSSH2...	EAST	13/22:53	14/00:04	23:09	DFWMIA1S	-55	99.6%	-65.4	43	-78.2	-78.2	-112.8		Scheduled Out	15M	Candidate	Not Submitted
AAL1276	E18L	SLC	KDFW.NELYN6...	SOUTH	13/22:58	13/23:22	23:16	DFWSLC1N	-6	53.6%	-2.6	43	-0.4	-0.4	-0.4		Scheduled Out	15M	Candidate	Not Submitted
AAL2183	E17R	FLL	KDFW.MRSSH2...	EAST	13/23:01	14/00:38	23:15	DFWFLL1S	-83	100.0%	-88.5	43	-99.3	-99.3	-102.8		Scheduled Out	15M	Candidate	Not Submitted
AAL529	E17R	JAX	KDFW.MRSSH2...	EAST	13/23:14	14/00:52	23:23	DFWJAX1S	-89	99.7%	-92.8	43	-96.3	-96.3	-99.8		Scheduled Out	15M	Candidate	Not Submitted
AAL2403	E17R	ATL	KDFW.FORCK2...	EAST	13/23:23	14/01:06	23:34	DFWATL1S	-92	98.3%	-92.0	43	-92.0	-92.0	-92.0		Scheduled Out	15M Fk...	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
AAL2902	E17R	RSW	KDFW.MRS...	EAST	13/22:51	13/23:57	23:02	DFWRSW1S	-55	-68.7	-82.6	-82.6	-120.7	Unable due to pending tax plan...	Scheduled Out		Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved, Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ASH5740	E17R	TYS	KDFW.DART28.T...	SOUTH	13/22:57	14/00:07				Scheduled Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Scratch Pad	Flight Status	TMI Info	Eligibility State	Coord State
ENY4256	E17R	MSN	KDFW.GRABE8.OKM...	NORTH	13/22:45	13/22:58				Scheduled Out	FixClsd	Excluded	ATC Excluded
ENY4456	E17R	MDT	KDFW.TRYTN3.LOOS...	EAST	13/23:40	14/01:20				Scheduled Out	15M FixClsd	Excluded	ATC Excluded

TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Flight Status	Scratch Pad	TMI Info	Eligibility State	Coord State
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- To ensure that all Scratch Pad entries are visible in this table, on Slides 23 – 31 we suggest several additional configuration settings for this TOS table.

- The first TOS table is often already filtered by:

Eligibility State = **Candidate**

Coordination State = **Not Submitted**

Field	Operator	Values
Airline	!=	ENY
AND Eligibility State	=	Candidate
AND Coord State	=	Not Submitted
AND -- Select --		

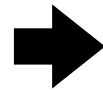
Buttons: Add Fields, Show Query, Hide Query, OK, Cancel

\* The table may also include Tower- or Operator-specific filters.

- To ensure all flights with Scratch Pad entries are displayed in the first TOS table, we'll add two more filters to this table.

7 Select the **“Edit Filters”** icon.

Flight ID	Rwy	Dest	Route of F
SKW2997	E17R	TLH	KDFW.MRSS
AAL2708	E17R	LGA	KDFW.AKUN
AAL1771	E18L	LAS	KDFW.WSTE
AAL1060	E18L	SAN	KDFW.NELY
AAL508	E18L	ONT	KDFW.NELY
SKW3237	E17R	FWA	KDFW.AKUN
AAL1086	E18L	PSP	KDFW.NELY
AAL1430	E18L	SFO	KDFW.WSTE



Filter

	Field	Operator	Values		
	Airline	!=	ENY	Clear	Remove
AND	Eligibility State	=	Candidate	Potential	Clear Remove
AND	Coord State	=	Not Submitted	Not Submitted	Clear Remove
AND	-- Select --				Clear Remove



- First, “Has Scratch Pad.”

9 Select “Has Scratch Pad.”

10 Select “=”.

11 Select “Yes.”

8 Select “OR.”

	Field	Operator	Values	
	Airline	!=	ENY	Clear Remove
AND	Eligibility State	=	Candidate Potential	Clear Remove
AND	Coord State	=	Not Submitted Not Submitted	Clear Remove
OR	Has Scratch Pad	=	Yes	Clear Remove
AND	-- Select --			Clear Remove
AND	-- Select --			Clear Remove

Buttons: Add Fields, Show Query, Hide Query, OK, Cancel

\*If no new rows are available, select “Add Fields.”

- Second, Coordination State = **“Not Submitted”**.

**13** Select **“Coord State.”**

**14** Select **“=”**.

**15** Select **“Not Submitted.”**

**12** Select **“AND.”**

	Field	Operator	Values	
	Airline	!=	ENY	Clear Remove
AND	Eligibility State	=	Candidate Potential	Clear Remove
AND	Coord State	=	Not Submitted Not Submitted	Clear Remove
OR	Has Scratch Pad	=	Yes	Clear Remove
AND	Coord State	=	Not Submitted Not Submitted	Clear Remove
AND	-- Select --			Clear Remove

Buttons: Add Fields, Show Query, Hide Query, OK, Cancel

**16** When complete, select **“OK.”**

\*If no new rows are available, select **“Add Fields.”**

- The additional filter criteria are shown in the header of the TOS table.

Flight Operator - AAL TOS Operations at 00:37 Z

Search  Clear

Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

TOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad ▼	Flight Status	TMI Info	Eligibility State	Coord State
1:02	01:02	DFWTLH1S	0	0.4%			-2.5	-2.5	-2.5	Flight might benefit from ...	Scheduled_Out		Potential	Not Submitted
1:19	01:12	DFWLGA0P	-7	58.7%	-13.6	49	-55.2	-55.2	-60.7		Scheduled_Out	15M Fix...	Candidate	Not Submitted
1:48	01:35	DFWLAS1N	-13	67.4%	-37.0	49	-8.1	-8.1	-3.5		Scheduled_Out	15M Fix...	Candidate	Not Submitted
2:08	01:59	DFWSAN1N	-9	59.9%	-24.4	49	-22.7	-22.7	-16.3		Scheduled_Out	15M	Candidate	Not Submitted
2:16	02:06	DFWONT1N	-10	59.1%	-17.4	49	-22.7	-22.7	-16.3		Scheduled_Out	15M	Candidate	Not Submitted
2:03	01:38	DFWFWA1E	-24	84.4%			-33.8	-33.8	-41.9		Scheduled_Out	15M Fix...	Candidate	Not Submitted
2:29	02:17	DFWSP1N	-12	62.6%	-13.4	49	-18.0	-18.0	-14.5		Scheduled_Out	15M	Candidate	Not Submitted
2:26	02:17	DFWSFO1N	-9	57.1%	-13.4	49	-18.0	-18.0	-14.5		Scheduled_Out	15M Fix...	Candidate	Not Submitted
2:40	02:24	DFWELP1N	-16	62.2%	-1.2	49	-2.5	-2.5	-2.5		Scheduled_Out	15M	Candidate	Not Submitted

- These additional filters ensure that all “**Not Submitted**” flights *with* Scratch Pad entries (including those with “**Potential**” status) are displayed in this table.

- Some users sort the first TOS table by the “**EOBT**” column, in ascending order.

Flight Operator - AAL TOS Operations at 00:37 Z

TOS Departure - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scr

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg AAL DFW Del Sav	Top Agg AAL D10 Del Sav
SKW2997	E17R	TLH	KDFW.MRSSH2...	EAST	14/00:42	14/01:02	01:02	DFWTLH1S	0	0.4%			-2.5	-2.5	-2.5
AAL2708	E17R	LGA	KDFW.AKUNA9...	NORTH	14/00:54	14/01:19	01:12	DFWLGA0P	-7	58.7%	-13.6	49	-55.2	-55.2	-60.7
AAL1771	E18L	LAS	KDFW.WSTEX2...	SOUTH	14/00:56	14/01:48	01:35	DFWLAS1N	-13	67.4%	-37.0	49	-8.1	-8.1	-3.5
AAL1060	E18L	SAN	KDFW.NELYN6...	SOUTH	14/01:01	14/02:08	01:59	DFWSAN1N	-9	59.9%	-24.4	49	-22.7	-22.7	-16.3
AAL508	E18L	ONT	KDFW.NELYN6...	SOUTH	14/01:05	14/02:16	02:06	DFWONT1N	-10	59.1%	-17.4	49	-22.7	-22.7	-16.3
SKW3237	E17R	FWA	KDFW.AKUNA9...	NORTH	14/01:07	14/02:03	01:38	DFWFWA1E	-24	84.4%			-33.8	-33.8	-41.9
AAL1086	E18L	PSP	KDFW.NELYN6...	SOUTH	14/01:15	14/02:29	02:17	DFWPSP1N	-12	62.6%	-13.4	49	-18.0	-18.0	-14.5
AAL1430	E18L	SFO	KDFW.WSTEX2...	SOUTH	14/01:15	14/02:26	02:17	DFWSFO1N	-9	57.1%	-13.4	49	-18.0	-18.0	-14.5
AAL1525	E18L	ELP	KDFW.NELYN6...	SOUTH	14/01:24	14/02:40	02:24	DFWELP1N	-16	62.2%	-1.2	49	-2.5	-2.5	-2.5

- We can continue sorting the table by EOBT while ensuring that flights with Scratch Pad entries appear at the top of the table.

- 17 Use the mouse to click on the header of the “**Scratch Pad**” column. Click **twice** to sort the column in descending order (down arrow).

Flight Operator - AAL TOS Operations at 00:37 Z

Filter: e - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Dep Gate	EOBT	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg AAL DFW Del Sav	Top Agg D10 Del Sav	Scratch Pad	Flight Status	TMI
EAST	14/00:42	14/01:02	01:02	DFWTLH1S	0	0.4%			-2.5	-2.5	-2.5	Flight might benefit from ...	Scheduled_Out	
NORTH	14/00:54	14/01:19	01:12	DFWLGA0P	-7	58.7%	-13.6	49	-55.2	-55.2	-60.7		Scheduled_Out	15M F
SOUTH	14/00:56	14/01:48	01:35	DFWLAS1N	-13	67.4%	-37.0	49	-8.1	-8.1	-3.5		Scheduled_Out	15M F
SOUTH	14/01:01	14/02:08	01:59	DFWSAN1N	-9	59.9%	-24.4	49	-22.7	-22.7	-16.3		Scheduled_Out	15M
SOUTH	14/01:05	14/02:16	02:06	DFWONT1N	-10	59.1%	-17.4	49	-22.7	-22.7	-16.3		Scheduled_Out	15M
NORTH	14/01:07	14/02:03	01:38	DFWFWA1E	-24	84.4%			-33.8	-33.8	-41.9		Scheduled_Out	15M F
SOUTH	14/01:15	14/02:29	02:17	DFWPSP1N	-12	62.6%	-13.4	49	-18.0	-18.0	-14.5		Scheduled_Out	15M
SOUTH	14/01:15	14/02:26	02:17	DFWSFO1N	-9	57.1%	-13.4	49	-18.0	-18.0	-14.5		Scheduled_Out	15M F
SOUTH	14/01:24	14/02:40	02:24	DFWELP1N	-16	62.2%	-1.2	49	-2.5	-2.5	-2.5		Scheduled_Out	15M

- Flights that *have* Scratch Pad entries are now displayed at the top of the table.

- 18 On the keyboard, press and hold the “**Ctrl**” key.
- 19 While holding the “**Ctrl**” key, click on the header of the “**EOBT**” column. Click **once** to sort the column in ascending order (up arrow).

Flight Operator - AAL TOS Operations at 00:37 Z

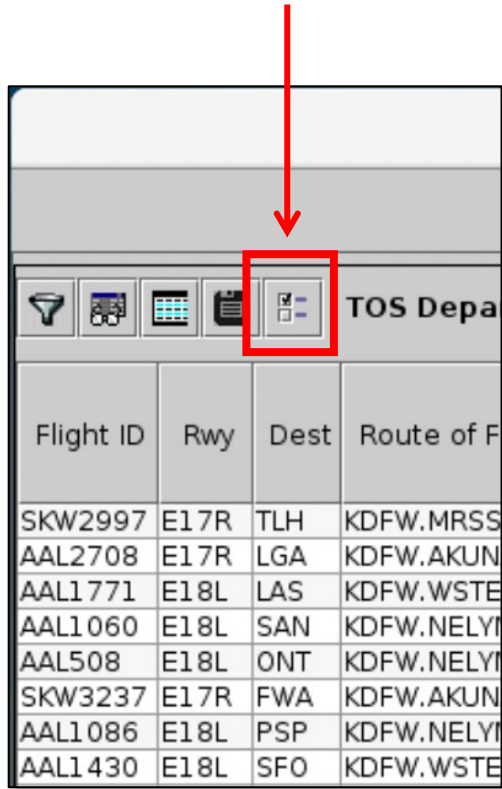
Filter: e - Airline != ENY AND Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg AAL Mainline Del Sav	Top N AAL Mainline Del Sav	Top Agg AAL Fleet Del Sav	Top Agg AAL DFW Del Sav	Top Agg AAL D10 Del Sav	Scratch Pad ▼	Flight Status	TMI
EAST	14/01:02	14/01:02	01:02	DFWTLH1S	0	0.4%			-2.5	-2.5	-2.5	Flight might benefit from ...	Scheduled_Out	
NORTH	14/01:54	14/01:19	01:12	DFWLGA0P	-7	58.7%	-13.6	49	-55.2	-55.2	-60.7		Scheduled_Out	15M F
SOUTH	14/00:56	14/01:48	01:35	DFWLAS1N	-13	67.4%	-37.0	49	-8.1	-8.1	-3.5		Scheduled_Out	15M F
SOUTH	14/01:01	14/02:08	01:59	DFWSAN1N	-9	59.9%	-24.4	49	-22.7	-22.7	-16.3		Scheduled_Out	15M
SOUTH	14/01:05	14/02:16	02:06	DFWONT1N	-10	59.1%	-17.4	49	-22.7	-22.7	-16.3		Scheduled_Out	15M
NORTH	14/01:07	14/02:03	01:38	DFWFWA1E	-24	84.4%			-33.8	-33.8	-41.9		Scheduled_Out	15M F
SOUTH	14/01:15	14/02:29	02:17	DFWPSP1N	-12	62.6%	-13.4	49	-18.0	-18.0	-14.5		Scheduled_Out	15M
SOUTH	14/01:15	14/02:26	02:17	DFWSFO1N	-9	57.1%	-13.4	49	-18.0	-18.0	-14.5		Scheduled_Out	15M F
SOUTH	14/01:24	14/02:40	02:24	DFWELP1N	-16	62.2%	-1.2	49	-2.5	-2.5	-2.5		Scheduled_Out	15M

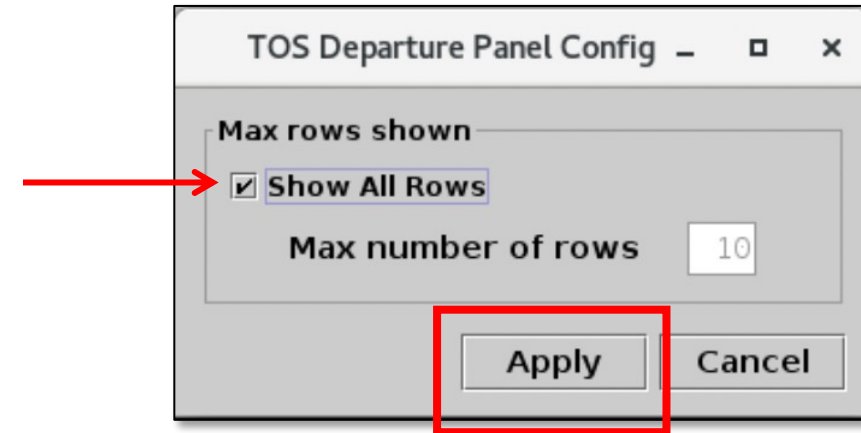
- All flights without a Scratch Pad entry are now sorted by EOBT.

- Finally, ensure that all rows of the TOS table are displayed.

21 Select the **“Properties”** icon.



22 Ensure that **“Show All Rows”** is selected.



23 Select **“Apply.”**

# Approach B: Add a New TOS Table which Shows Only Flights with Scratch Pad Entries

ATD-2 Metroplex Planner v6.0



- Approach B: Add a new TOS table to the TOS Operations window exclusively for flights with Scratch Pad entries.

Flight Operator - SWA TOS Operations at 21:35 Z

Search  Clear

TOS Departure - Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	TMI Info	Eligibility State	Coord State
SWA1880	E13L	ABQ	KDAL.KKITY5.HULZE...	WEST	16/21:53	16/23:02	22:05	DALABQ1N	-57	90.5%	-70.6	-88.2	-122.4	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA491	E13L	LGB	KDAL.KKITY5.HULZE...	WEST	16/22:00	16/23:23	22:08	DALLGB1N	-74	99.9%	-83.6	-101.2	-119.4	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA893	E13L	SNA	KDAL.KKITY5.HULZE...	WEST	16/22:00	16/23:32	22:09	DALSNA1N	-82	100.0%	-87.1	-104.7	-114.9	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA629	E13R	LAS	KDAL.KKITY5.HULZE...	WEST	16/22:00	16/23:41	22:10	DALLAS1N	-91	100.0%	-91.1	-108.7	-114.2	Scheduled_Out	20M FixClsd	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	Eligibility State	Coord State
SWA487	E13R	SJC	KDAL.KKITY5.HUDAD....	WEST	16/21:55	16/22:57	22:04	DALSJC1N	-54	-71.7	-89.3	-119.3	Scheduled_Out	Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved,Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
SWA1708	E13R	SLC	KDAL.SWTSR6.ROLLS....	NORTH	16/22:10	16/23:55			Scheduled_Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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TOS Departure - Has Scratch Pad = Yes

Flight ID	Flight Status	EOBT ▲	Scratch Pad
SWA487	Scheduled_O...16/21:55		Unable due to upcoming SWAP restriction.
SWA629	Scheduled_O...16/22:00		Thanks, we will look into it.
SWA1708	Scheduled_O...16/22:10		Flight might benefit from a TOS reroute.

Add Table

We'll use Column Settings, Filters, Properties, and Sorting to configure the new table.

# Approach B: Add a New TOS Table



Flight Operator - SWA TOS Operations at 21:32 Z

Search  Clear

TOS Departure - Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	TMI Info	Eligibility State	Coord State
SWA1880	E13L	ABQ	KDAL.KKITY5.HULZE...	WEST	16/21:55	16/23:28	22:09	DALABQ1N	-79	99.8%	-92.9	-101.0	-110.3	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA491	E13L	LGB	KDAL.KKITY5.HULZE...	WEST	16/22:00	16/23:14	22:08	DALLGB1N	-66	99.5%	-84.2	-92.3	-110.8	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA893	E13L	SNA	KDAL.KKITY5.HULZE...	WEST	16/22:00	16/23:32	22:09	DALSNA1N	-83	100.0%	-92.3	-100.5	-109.7	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA629	E13R	LAS	KDAL.KKITY5.HULZE...	WEST	16/22:00	16/23:42	22:11	DALLAS1N	-91	100.0%	-95.5	-103.6	-108.2	Scheduled_Out	20M FixClsd	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	Eligibility State	Coord State
SWA487	E13R	SJC	KDAL.KKITY5.HUDAD.....	WEST	16/22:00	16/23:09	22:08	DALSJC1N	-61	-84.5	-92.7	-111.1	Scheduled_Out	Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved,Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
SWA1708	E13R	SLC	KDAL.SWTSR6.ROLLS....	NORTH	16/22:10	16/23:51			Scheduled_Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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Add Table

1 Select the “**Add Table**” button at the bottom of the TOS Operations window.

# Approach B: Add a New TOS Table



- The new TOS table is added below other tables in the TOS Operations window.

Flight Operator - SWA TOS Operations at 21:33 Z

Search  Clear

TOS Departure - Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	TMI Info	Eligibility State	Coord State
SWA1880	E13L	ABQ	KDALKKITY5.HULZE...	WEST	16/21:53	16/23:03	22:06	DALABQ1N	-57	91.2%	-75.5	-87.4	-105.0	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA491	E13L	LGB	KDALKKITY5.HULZE...	WEST	16/22:00	16/23:12	22:08	DALLGB1N	-64	99.4%	-73.5	-85.2	-102.9	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA893	E13L	SNA	KDALKKITY5.HULZE...	WEST	16/22:00	16/23:26	22:09	DALSNA1N	-77	99.9%	-81.6	-93.4	-101.8	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA629	E13R	LAS	KDALKKITY5.HULZE...	WEST	16/22:00	16/23:40	22:10	DALLAS1N	-90	100.0%	-90.2	-97.4	-101.1	Scheduled_Out	20M FixClsd	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	Eligibility State	Coord State
SWA487	E13R	SJC	KDALKKITY5.HUDAD.....	WEST	16/21:55	16/23:08	22:08	DALSJC1N	-60	-73.8	-85.6	-103.2	Scheduled_Out	Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved,Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
SWA1708	E13R	SLC	KDALSWTSR6.ROLLS.....	NORTH	16/22:10	16/23:49			Scheduled_Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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TOS Departure - All

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	CPDLC	Num TOS Cand	Num TOS Sub	Time to Expiration	Top CDR	
SWA825	E13L	LAX	KDALKKITY5.HULZE..TXO.J72.ABQ.J78...	WEST		17/00:31	Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A		
SWA2669	E13L	ORD	KDALSWTSR6.MLC..SGF..WELTS.TRTL...	NORTH		16/22:46	Scheduled_O...			Potential	Not Submitted	Y			N/A		
SWA582	E13L	AUS	KDALCURL05.WINDU.SEWZY5.KAUS/...	SOUTH			Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A		
SWA164	E13L	ATL	KDALLNDRES.LOOSE..MEM..HUTCC.....	EAST			Scheduled_O...			Potential	Not Submitted	Y			N/A		
SWA1100	E13L	BUR	KDALKKITY5.BRHMA..CNX.J74.SJN.J18...	WEST	16/21:46	16/22:22	Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A	DALBUR1N NC	
SWA1561	E13R	MAF	KDALKKITY5.DOSOX..KMAF/0056	WEST	16/21:46	16/22:36	Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A	DALMAF1N NC	
SWA368	E13L	MCO	KDALLNDRES.ZALEA..SWB..CEW.J2.D...	EAST	16/21:52	16/22:05	Scheduled_O...			Potential	Not Submitted	Y			N/A	DALMCO1S SC	
SWA1880	E13L	ABQ	KDALKKITY5.HULZE..TXO..RECKN.COL...	WEST	16/21:53	16/23:03	Scheduled_O...	20M FixClsd		Candidate	Not Submitted	Y	1		N/A	DALABQ1N NC	
SWA487	E13R	SJC	KDALKKITY5.HUDAD..PNH..ALS..KD48...	WEST	16/21:55	16/23:08	Scheduled_O...	20M		Candidate	FO Submitted	Y	1	1	N/A	DALSJC1N NC	
SWA491	E13L	LGB	KDALKKITY5.HULZE..TXO.J72.ABQ.J78...	WEST	16/22:00	16/23:12	Scheduled_O...	20M FixClsd		Unable due to u...	Candidate	Not Submitted	Y	1		N/A	DALLGB1N NC

Add Table



# Approach B: Add a New TOS Table



- The new TOS table is added below other tables in the TOS Operations window.

Flight Operator - SWA TOS Operations at 21:33 Z

Search  Clear

TOS Departure - Eligibility State = Candidate AND Coord State = Not Submitted OR Has Scratch Pad = Yes AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Prob Del Sav > RTC	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	TMI Info	Eligibility State	Coord State
SWA1880	E13L	ABQ	KDALKKITY5.HULZE...	WEST	16/21:53	16/23:03	22:06	DALABQ1N	-57	91.2%	-75.5	-87.4	-105.0	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA491	E13L	LGB	KDALKKITY5.HULZE...	WEST	16/22:00	16/23:12	22:08	DALLGB1N	-64	99.4%	-73.5	-85.2	-102.9	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA893	E13L	SNA	KDALKKITY5.HULZE...	WEST	16/22:00	16/23:26	22:09	DALSNA1N	-77	99.9%	-81.6	-93.4	-101.8	Scheduled_Out	20M FixClsd	Candidate	Not Submitted
SWA629	E13R	LAS	KDALKKITY5.HULZE...	WEST	16/22:00	16/23:40	22:10	DALLAS1N	-90	100.0%	-90.2	-97.4	-101.1	Scheduled_Out	20M FixClsd	Candidate	Not Submitted

TOS Departure - Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Top OFF Del Sav	Top Agg SWA Del Sav	Top Agg DAL Del Sav	Top Agg D10 Del Sav	Flight Status	Eligibility State	Coord State
SWA487	E13R	SJC	KDALKKITY5.HUDAD.....	WEST	16/21:55	16/23:08	22:08	DALSJC1N	-60	-73.8	-85.6	-103.2	Scheduled_Out	Candidate	FO Submitted

TOS Departure - Coord State = ATC Approved,Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
SWA1708	E13R	SLC	KDALSWTSR6.ROLLS.....	NORTH	16/22:10	16/23:49			Scheduled_Out		Candidate	ATC Approved

TOS Departure - Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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TOS Departure - Eligibility State = Expired

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Top ETOT	Top CDR	Flight Status	TMI Info	Eligibility State	Coord State
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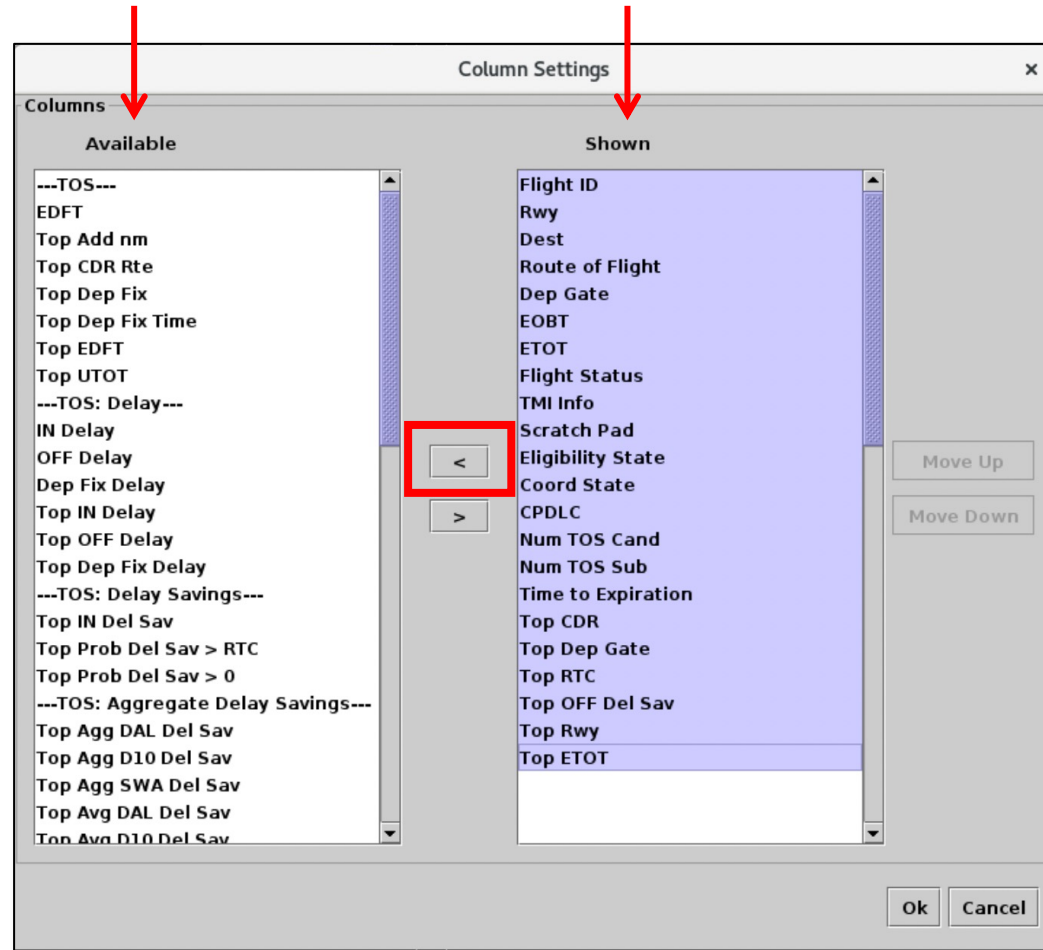
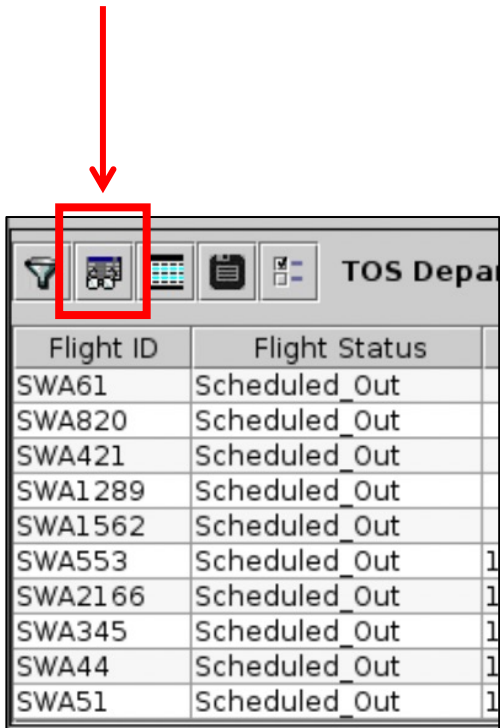
TOS Departure - All

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Scratch Pad	Eligibility State	Coord State	CPDLC	Num TOS Cand	Num TOS Sub	Time to Expiration	Top CDR	
SWA825	E13L	LAX	KDALKKITY5.HULZE..TXO.J72.ABQ.J78...	WEST		17/00:31	Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A		
SWA2669	E13L	ORD	KDALSWTSR6.MLC..SGF..WELTS.TRTL...	NORTH		16/22:46	Scheduled_O...			Potential	Not Submitted	Y			N/A		
SWA582	E13L	AUS	KDALCURL05.WINDU.SEWZY5.KAUS/...	SOUTH			Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A		
SWA164	E13L	ATL	KDALLNDRES.LOOSE..MEM..HUTCC.....	EAST			Scheduled_O...			Potential	Not Submitted	Y			N/A		
SWA1100	E13L	BUR	KDALKKITY5.BRHMA..CNX.J74.SJN.J18...	WEST	16/21:46	16/22:22	Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A	DALBUR1N NC	
SWA1561	E13R	MAF	KDALKKITY5.DOSXK..KMAF/0056	WEST	16/21:46	16/22:36	Scheduled_O...	20M FixClsd		Potential	Not Submitted	Y			N/A	DALMAF1N NC	
SWA368	E13L	MCO	KDALLNDRES.ZALEA..SWB..CEW.J2.D...	EAST	16/21:52	16/22:05	Scheduled_O...			Potential	Not Submitted	Y			N/A	DALMCO1S SC	
SWA1880	E13L	ABQ	KDALKKITY5.HULZE..TXO..RECKN.COL...	WEST	16/21:53	16/23:03	Scheduled_O...	20M FixClsd		Candidate	Not Submitted	Y	1		N/A	DALABQ1N NC	
SWA487	E13R	SJC	KDALKKITY5.HUDAD..PNH..ALS..KD48...	WEST	16/21:55	16/23:08	Scheduled_O...	20M		Candidate	FO Submitted	Y	1	1	N/A	DALSJC1N NC	
SWA491	E13L	LGB	KDALKKITY5.HULZE..TXO.J72.ABQ.J78...	WEST	16/22:00	16/23:12	Scheduled_O...	20M FixClsd		Unable due to u...	Candidate	Not Submitted	Y	1		N/A	DALLGB1N NC

Add Table



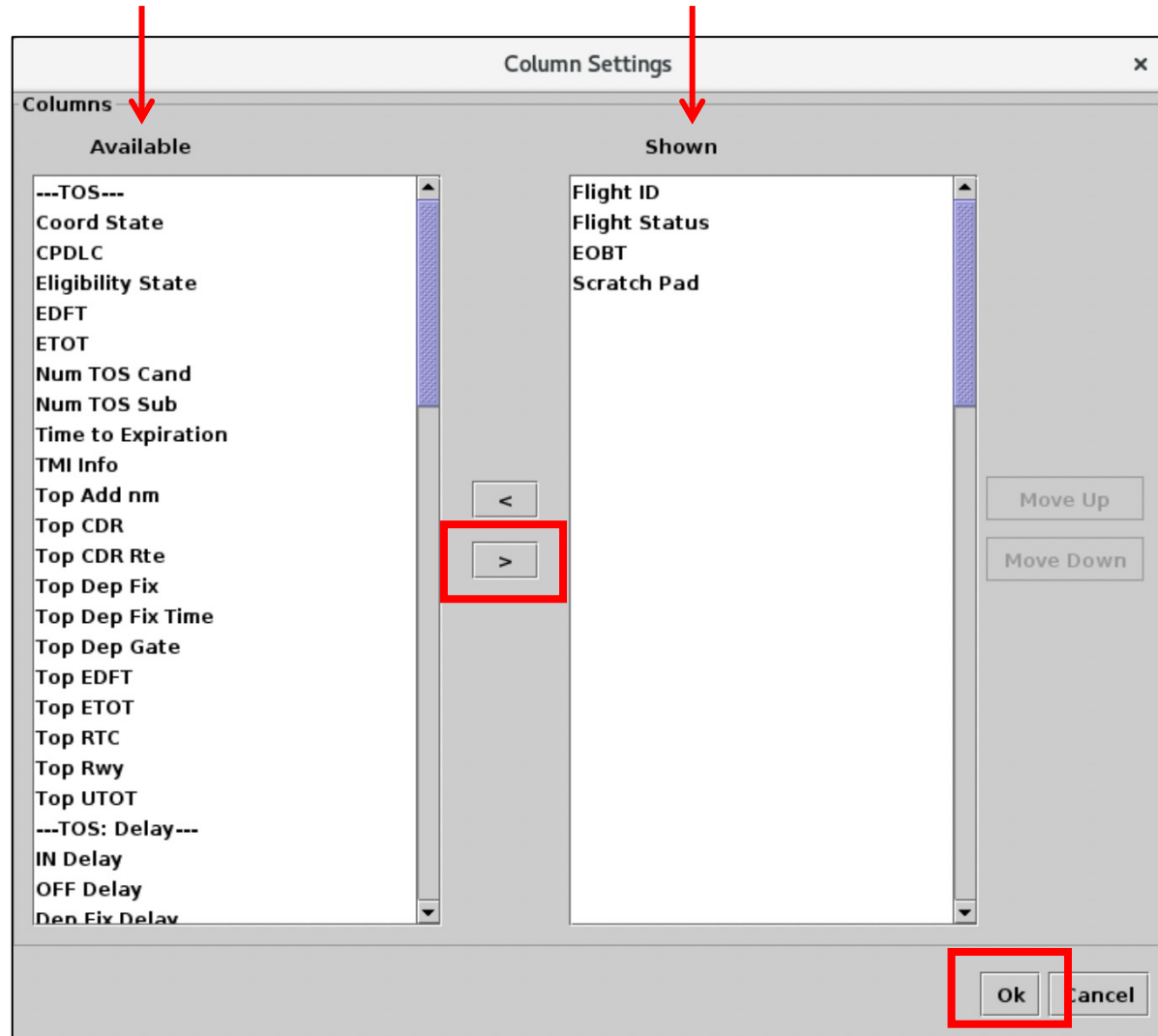
2 On the new TOS table, select the “**Show/Hide Columns**” icon.



3 Select all items in the “**Shown**” column on the right side.

(Hold the “**Shift**” key to select multiple items at once.)

4 Select the left-arrow to move all items to the “**Available**” column, on the left side.

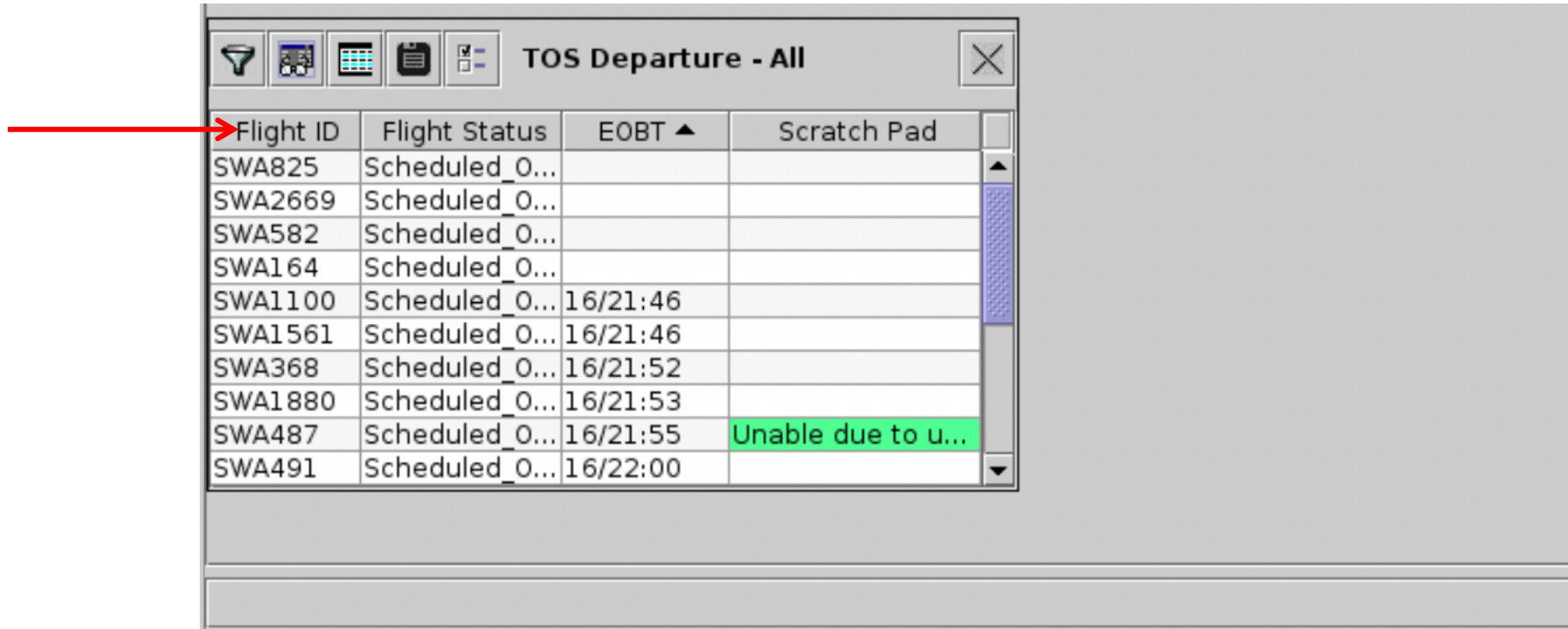


5 Use the right-arrow to move four items back to the “**Shown**” column on the right side:

- **Flight ID**
- **Flight Status**
- **EOBT**
- **Scratch Pad**

6 When complete, select “**Ok**”.

- The selected columns are shown in the new TOS table.



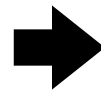
Flight ID	Flight Status	EOBT ▲	Scratch Pad
SWA825	Scheduled_0...		
SWA2669	Scheduled_0...		
SWA582	Scheduled_0...		
SWA164	Scheduled_0...		
SWA1100	Scheduled_0...	16/21:46	
SWA1561	Scheduled_0...	16/21:46	
SWA368	Scheduled_0...	16/21:52	
SWA1880	Scheduled_0...	16/21:53	
SWA487	Scheduled_0...	16/21:55	Unable due to u...
SWA491	Scheduled_0...	16/22:00	

- Filter the table to display only flights that have Scratch Pad entries.

7 On the new TOS table, select the “**Edit Filters**” icon.

The screenshot shows a table titled "TOS Departure" with the following data:

Flight ID	Flight Status	EOB
SWA61	Scheduled_Out	
SWA820	Scheduled_Out	
SWA421	Scheduled_Out	
SWA1289	Scheduled_Out	
SWA1562	Scheduled_Out	
SWA553	Scheduled_Out	14/23:
SWA2166	Scheduled_Out	14/23:
SWA345	Scheduled_Out	14/23:
SWA44	Scheduled_Out	15/00:
SWA51	Scheduled_Out	15/00:



The "Filter" dialog box contains the following fields and controls:

	Field	Operator	Values	
	-- Select --			Clear Remove
AND ▼	-- Select --			Clear Remove
AND ▼	-- Select --			Clear Remove
AND ▼	-- Select --			Clear Remove

Buttons at the bottom: Add Fields, Show Query, Hide Query, OK, Cancel



- 8** Select  
“Has Scratch Pad.”
- 9** Select “=.”
- 10** Select “Yes.”
- 11** When complete, select “OK.”

Filter		
Field	Operator	Values
Has Scratch Pad	=	Yes
AND	-- Select --	
AND	-- Select --	
AND	-- Select --	

Buttons: Clear, Remove (x4)

Bottom Buttons: Add Fields, Show Query, Hide Query, **OK**, Cancel

\* The table may also include Tower- or Operator-specific filters.

# Approach B: Add a New TOS Table



- The selected filter is shown in the header of the new TOS table.

TOS Departure			
Flight ID	Flight Status	EOBT ▲	Scratch Pad
SWA487	Scheduled_0...	16/21:55	Unable due to u...
SWA629	Scheduled_0...	16/22:00	Thanks, we will l...
SWA1708	Scheduled_0...	16/22:10	Flight might ben...

- Increase the width of the “**Scratch Pad**” column to ensure entries are visible.

Flight ID	Flight Status	EOBT ▲	Scratch Pad →
SWA487	Scheduled_0...	16/21:55	Unable due to u...
SWA629	Scheduled_0...	16/22:00	Thanks, we will l...
SWA1708	Scheduled_0...	16/22:10	Flight might ben...

**12** Use the mouse to hover over the edge of the column.

Click and drag to adjust its width.

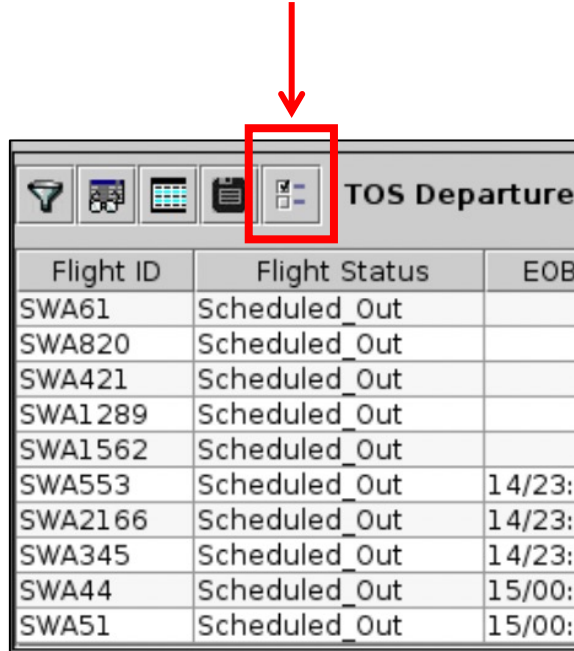
Flight ID	Flight Status	EOBT ▲	Scratch Pad →
SWA487	Scheduled_0...	16/21:55	Unable due to upcoming SWAP restriction.
SWA629	Scheduled_0...	16/22:00	Thanks, we will look into it.
SWA1708	Scheduled_0...	16/22:10	Flight might benefit from a TOS reroute.

- 13 To sort this table by EOBT, in ascending order, click on the header of the “**EOBT**” column until the arrow is pointing up.

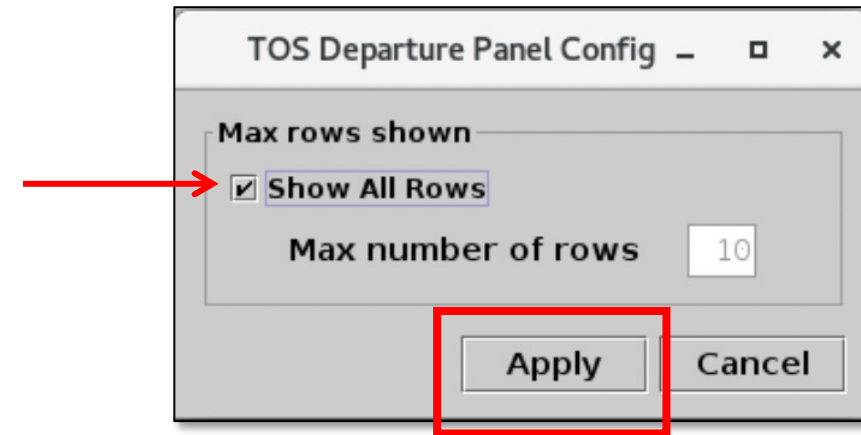
Flight ID	Flight Status	EOBT ▲	Scratch Pad
SWA1994	Scheduled_Out	16/02:22	Flight might benefit from a TOS reroute.
SWA770	Scheduled_Out	16/02:35	Thanks, we will look into it.
SWA948	Scheduled_Out	16/02:35	Unable due to upcoming SWAP restriction.

- Finally, ensure that all rows are displayed in the new table.

**14** On the new TOS table, select the **“Properties”** icon.



**15** Ensure that **“Show All Rows”** is selected.



**16** Select **“Apply.”**

# Approach C: Create a Single, Separate TOS Table, Exclusively for Flights with Scratch Pad Entries

ATD-2 Metroplex Planner v6.0

# Approach C: Create a Single TOS Table



- Approach C: Create a single TOS table exclusively for flights with Scratch Pad entries.

The screenshot displays the Metroplex Planner interface. On the left, a 'DAL Timeline Runway Arrivals Departures' view shows a list of flight arrivals and departures. A red arrow points from a flight entry 'SWA553 B737 PHX-PGLET->LOWGN 13L 10' in the departures list to a 'TOS Operations' window on the right. This window shows a table of flight operations with columns for Flight ID, Flight Status, EOBT, and Scratch Pad. The table contains three rows of data, with the second and third rows highlighted in green.

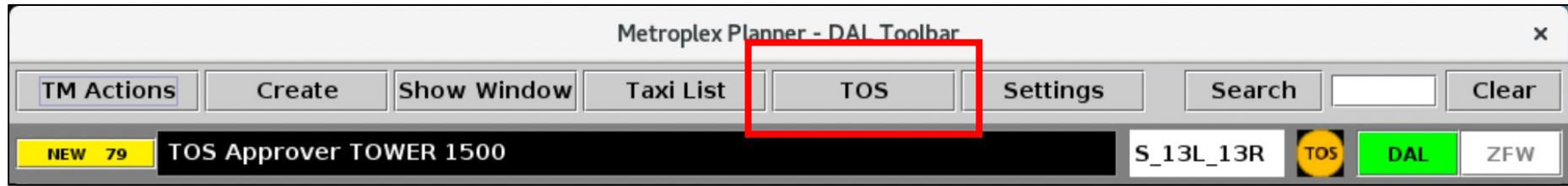
Flight ID	Flight Status	EOBT	Scratch Pad
SWA553	Taxiing_AWA	16/23:00	Thanks, we will look into.
SWA1283	Scheduled_Out	16/23:30	Flight might benefit from a TOS reroute.
SWA2426	Scheduled_Out	17/00:10	Okay, thanks.

We'll use Column Settings, Filters, Properties, and Sorting to configure the table.

# Approach C: Create a Single TOS Table



- 1 If the TOS Operations window is not already open, select the “TOS” button on the Toolbar.



Metroplex Planner - DAL TOS Operations at 22:25 Z

Search [ ] Clear

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Eligibility State = Candidate AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Num TOS Sub	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA357	E13L	ONT	KDALKXTYS.HULZE.....WEST		16/22:38	17/00:03	Scheduled_Out	25M FicClad	Candidate	Not Submitted	1	DALONTLN	NORTH	173	13L	22:49

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Num TOS Sub	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA825	E13L	LAX	KDALKXTYS.HULZE.....WEST		16/22:43	17/00:09	Scheduled_Out	25M FicClad	Candidate	FO Submitted	1	DALLAXLN	NORTH	177	13L	22:52

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Coord State = ATC Approved,Resoute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA553	E13L	PHX	KDALSWTSR6.ADMJ...NORTH		16/22:55	17/00:25	Scheduled_Out		Candidate	ATC Approved					

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
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Add Table



# Approach C: Create a Single TOS Table



Metroplex Planner - DAL TOS Operations at 22:25 Z

Search  Clear

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Eligibility State = Candidate AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Num TOS Cand	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA357	E13L	ONT	KDAL.KKITYS.HULZE.....	WEST	16/22:38	17/00:03	Scheduled_Out	25M FixClsd	Candidate	Not Submitted	1	DALONT1N	NORTH	-73	13L	22:49

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Coord State = FO Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Num TOS Sub	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA825	E13L	LAX	KDAL.KKITYS.HULZE.....	WEST	16/22:43	17/00:09	Scheduled_Out	25M FixClsd	Candidate	FO Submitted	1	DALLAX1N	NORTH	-77	13L	22:52

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Coord State = ATC Approved,Reroute Filed

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA553	E13L	PHX	KDAL.SWTSR6.ADM.J...	NORTH	16/22:55	17/00:25	Scheduled_Out		Candidate	ATC Approved					

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Eligibility State = Excluded

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT

Add Table

2 If more than one TOS table is open, close all but one of the tables.

To close a table, select the “X” in the upper right corner.

# Approach C: Create a Single TOS Table



- After deleting other TOS tables, one table should remain open.

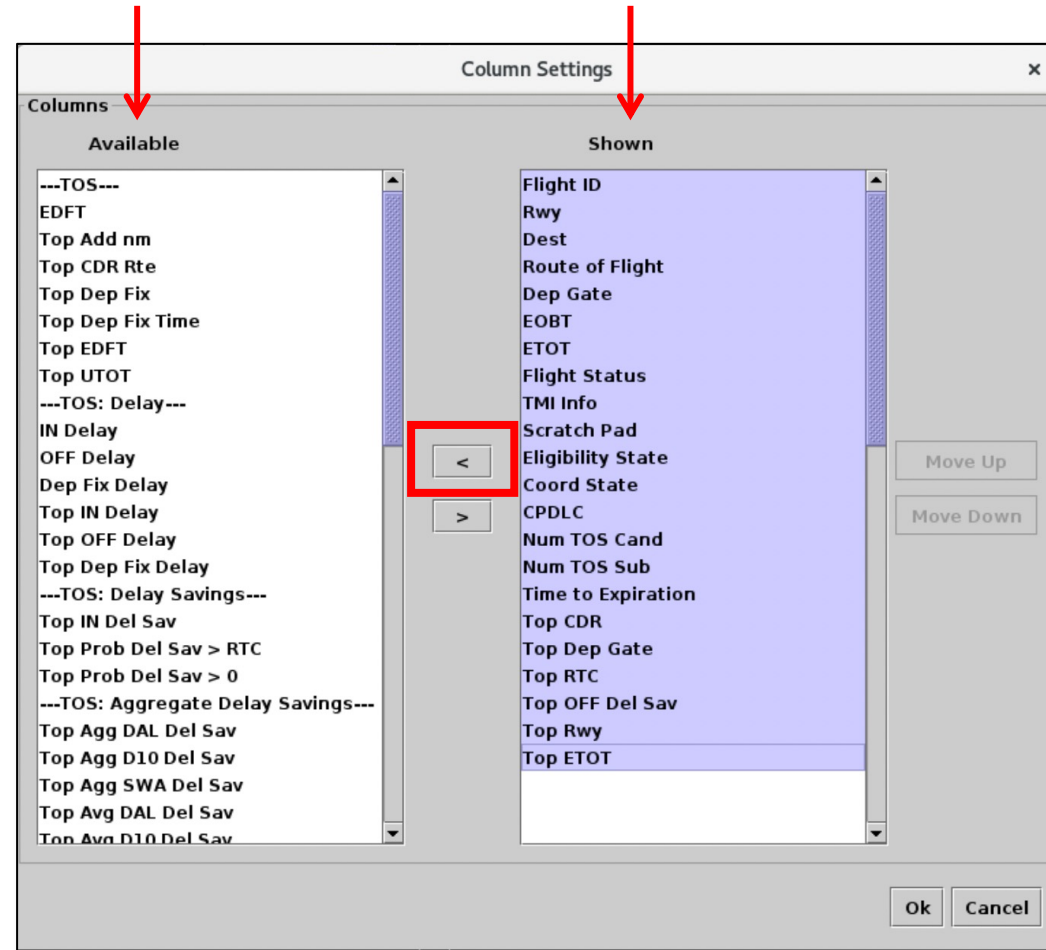
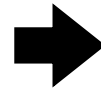
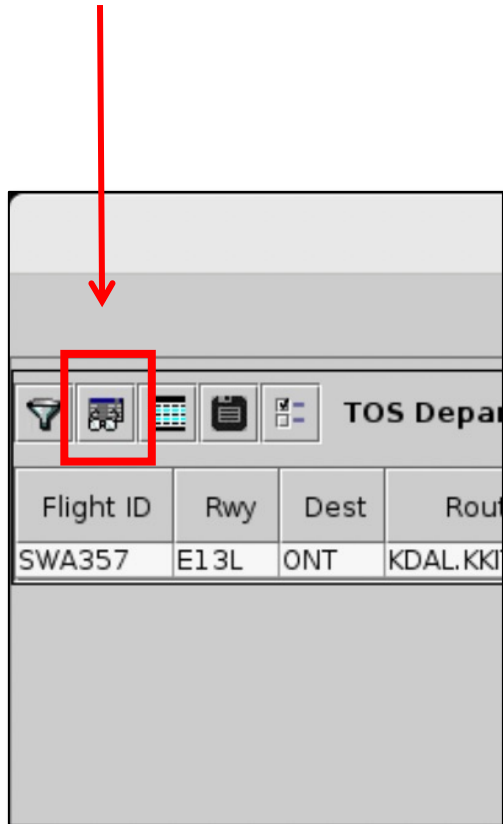
Metroplex Planner - DAL TOS Operations at 22:25 Z

TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Eligibility State = Candidate AND Coord State = Not Submitted

Flight ID	Rwy	Dest	Route of Flight	Dep Gate	EOBT ▲	ETOT	Flight Status	TMI Info	Eligibility State	Coord State	Num TOS Cand	Top CDR	Top Dep Gate	Top OFF Del Sav	Top Rwy	Top ETOT
SWA357	E13L	ONT	KDAL.KKITY5.HULZE.....WEST		16/22:38	17/00:03	Scheduled_Out	25M FixClsd	Candidate	Not Submitted	1	DALONT1N	NORTH	-73	13L	22:49

Add Table

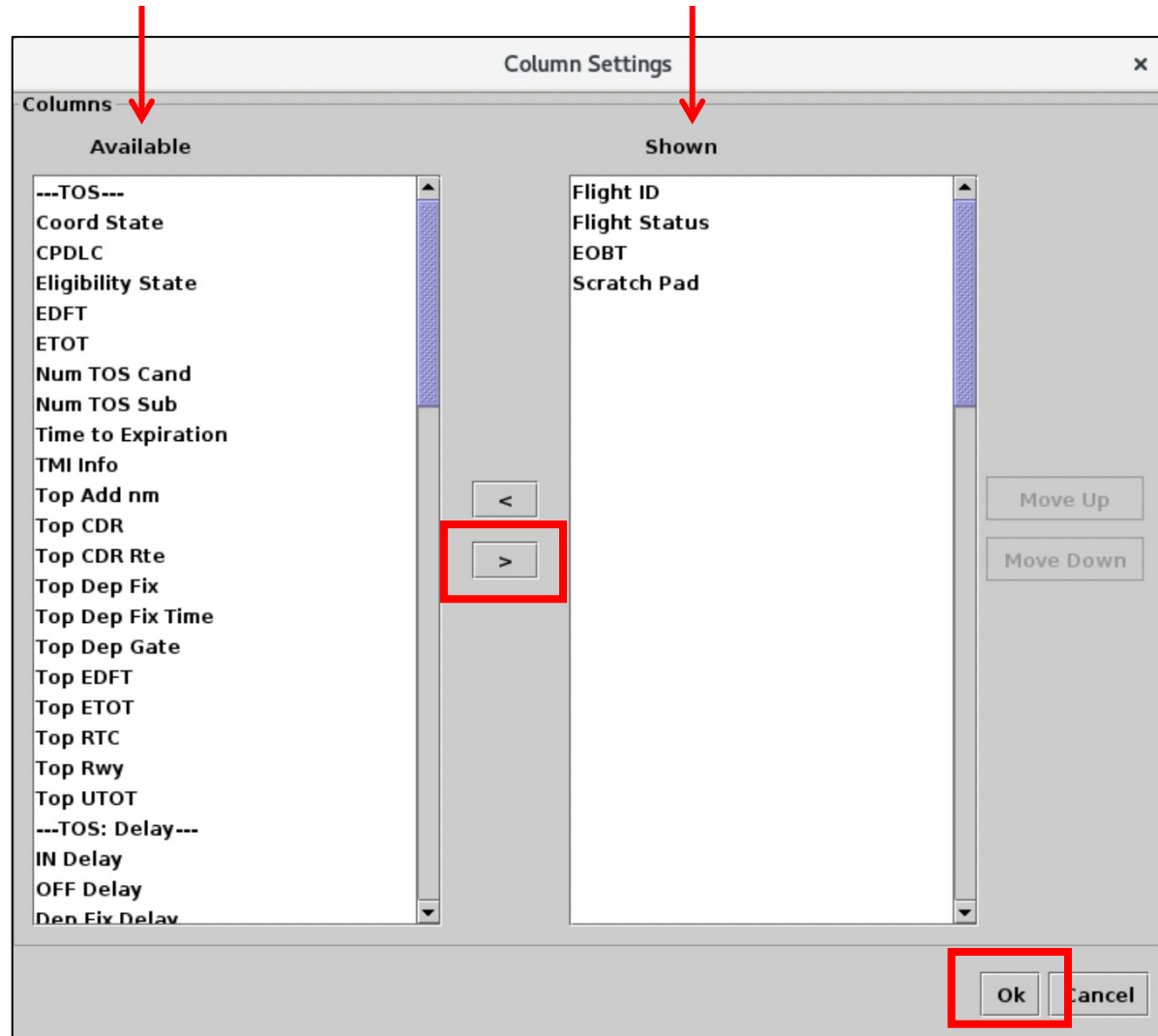
**3** Select the “**Show/Hide Columns**” icon.



**4** Select all items in the “**Shown**” column on the right side.

(Hold the “**Shift**” key to select multiple items at once.)

**5** Select the left-arrow to move all items to the “**Available**” column, on the left side.

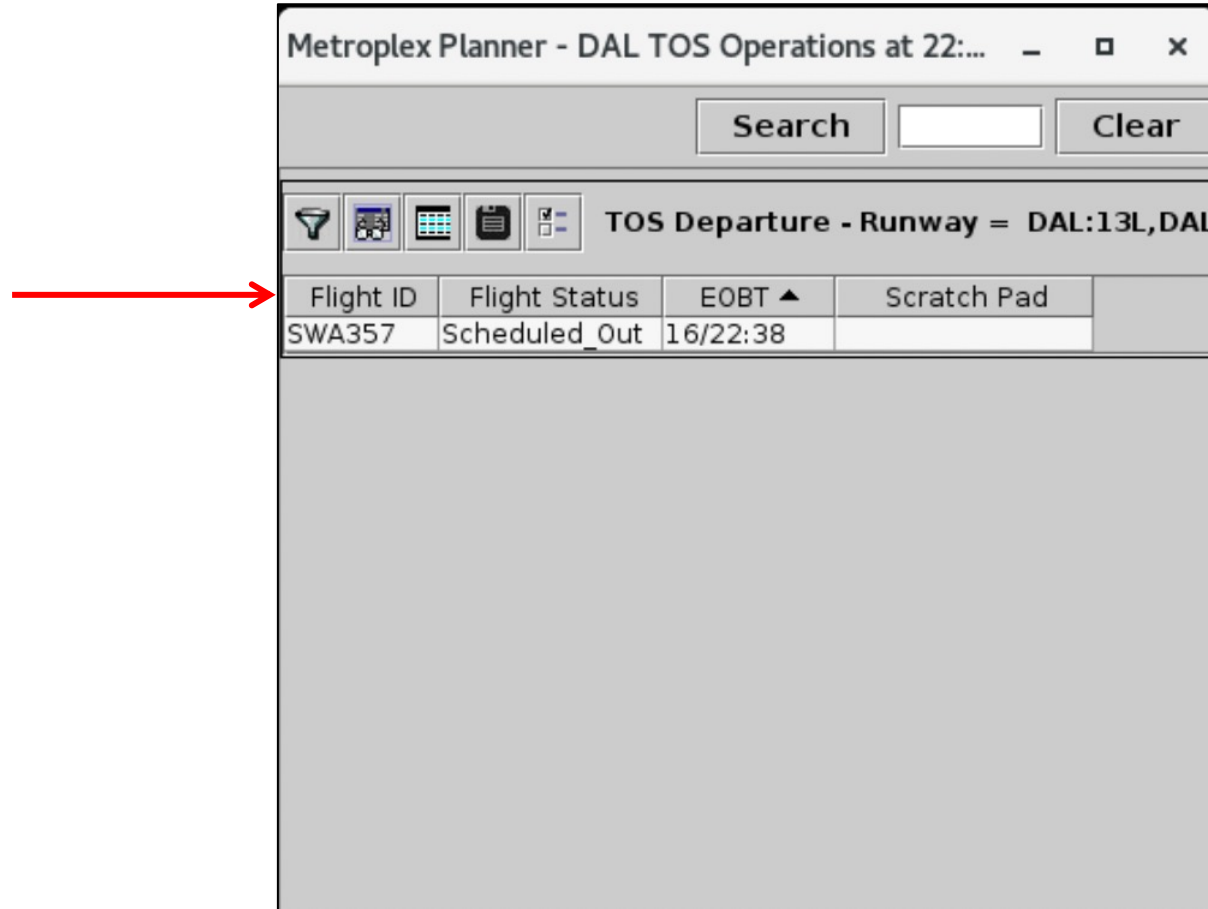


6 Use the right-arrow to move four items back to the “**Shown**” column on the right side:

- **Flight ID**
- **Flight Status**
- **EOBT**
- **Scratch Pad**

# Approach C: Create a Single TOS Table

- The selected columns are shown in the TOS table.



Metroplex Planner - DAL TOS Operations at 22:...

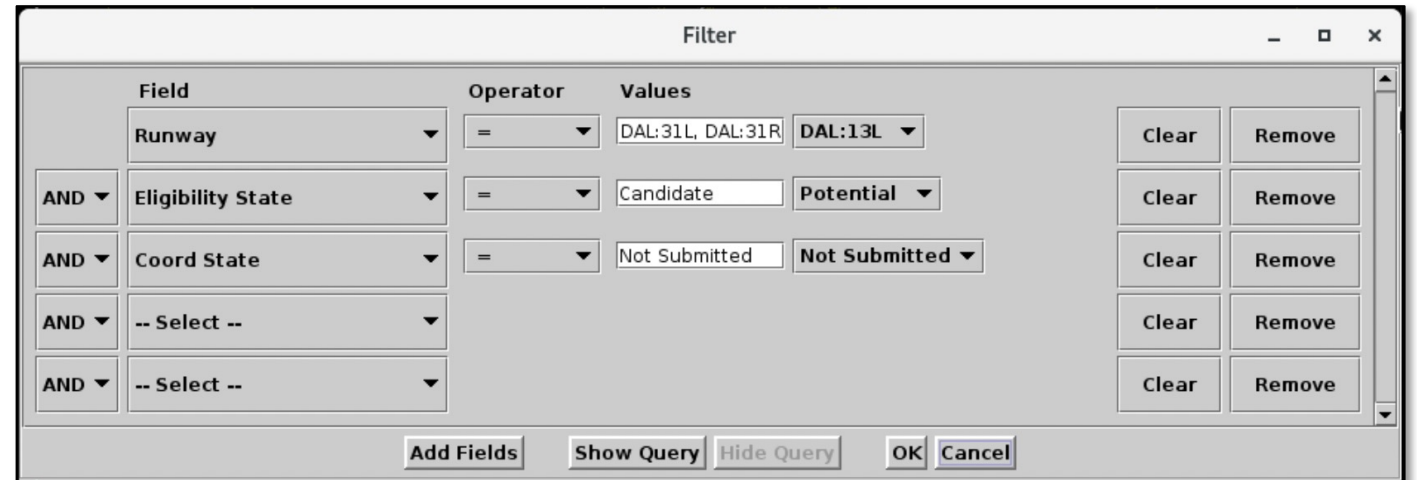
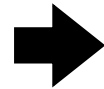
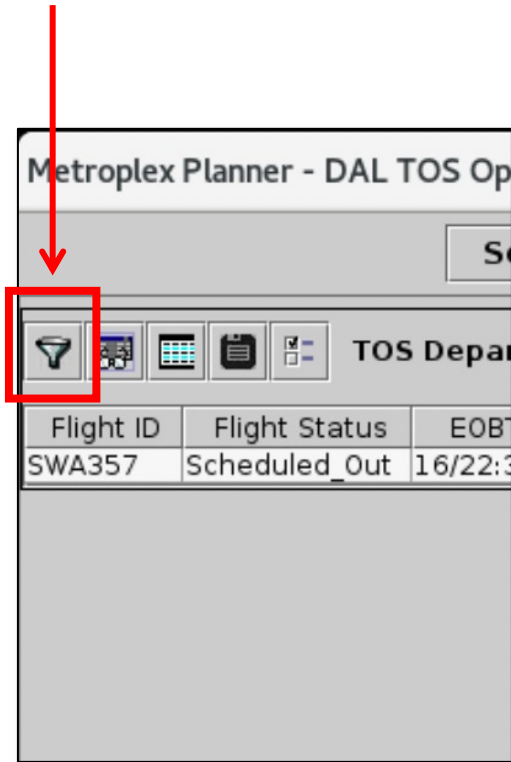
Search  Clear

TOS Departure - Runway = DAL:13L,DAL

Flight ID	Flight Status	EOBT ▲	Scratch Pad
SWA357	Scheduled_Out	16/22:38	

- Filter the table to display only flights that have Scratch Pad entries.

7 Select the **“Edit Filters”** icon.



- 8 Use the “**Remove**” button to remove any TOS-related filters. In this example, **Eligibility State** and **Coordination State**.

The screenshot shows a 'Filter' dialog box with the following structure:

	Field	Operator	Values		
	Runway	=	DAL:31L, DAL:31R	DAL:13L	Clear Remove
AND	Eligibility State	=	Candidate	Potential	Clear <b>Remove</b>
AND	Coord State	=	Not Submitted	Not Submitted	Clear <b>Remove</b>
AND	-- Select --				Clear Remove
AND	-- Select --				Clear Remove

Buttons at the bottom: Add Fields, Show Query, Hide Query, OK, Cancel.

- 9** Select  
“Has Scratch Pad.”
- 10** Select “=.”
- 11** Select “Yes.”
- 12** When  
complete,  
select “OK.”

Filter				
Field	Operator	Values		
Runway	=	DAL:31L, DAL:31R	DAL:13L	Clear Remove
AND ▾ Has Scratch Pad	=	Yes		Clear Remove
AND ▾ -- Select --				Clear Remove

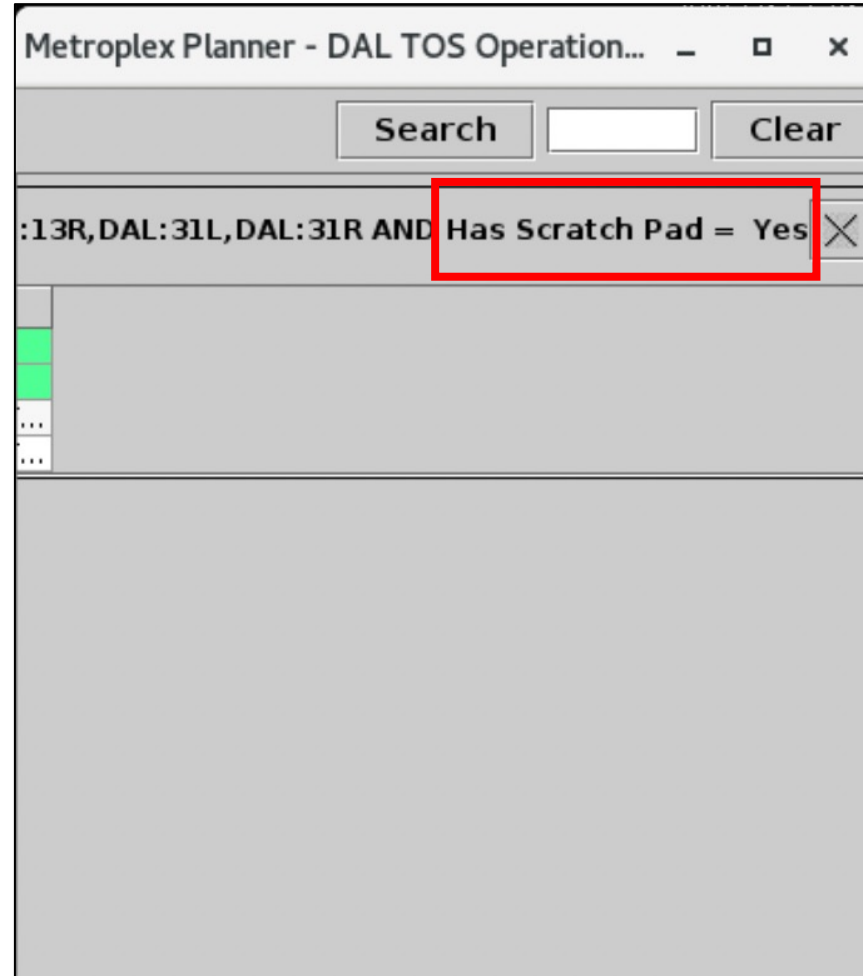
Add Fields
Show Query
Hide Query
OK
Cancel

\*If no new rows are available, select “Add Fields.”

\* The table may also include Tower- or Operator-specific filters.



- The selected filter is shown in the header of the new TOS Table.



# Approach C: Create a Single TOS Table



- Increase the width of the “**Scratch Pad**” column to ensure entries are visible.

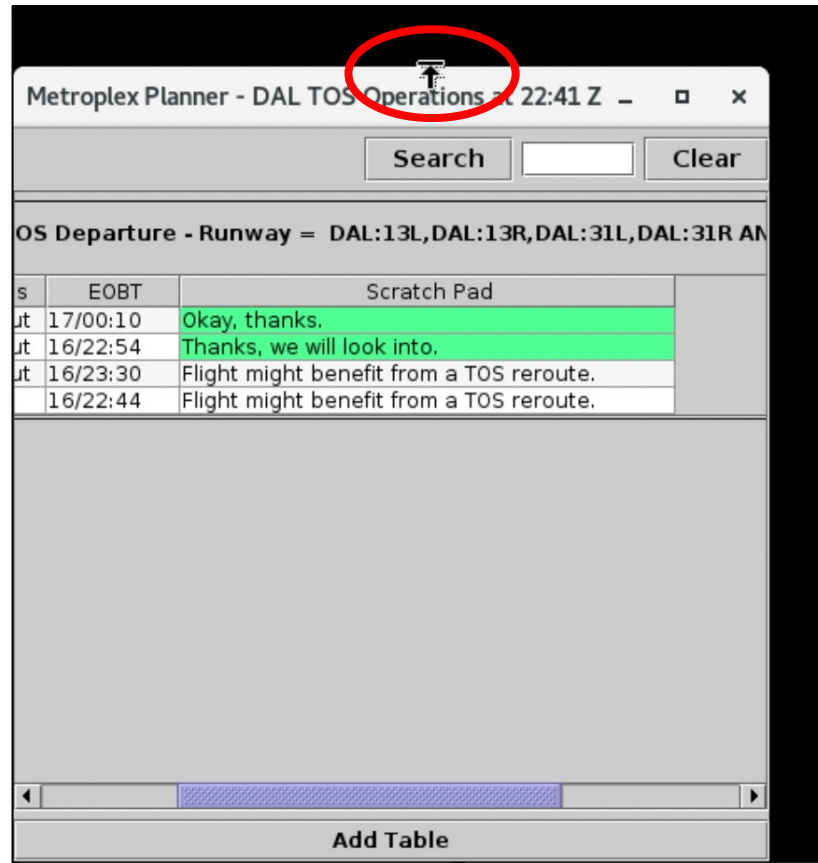
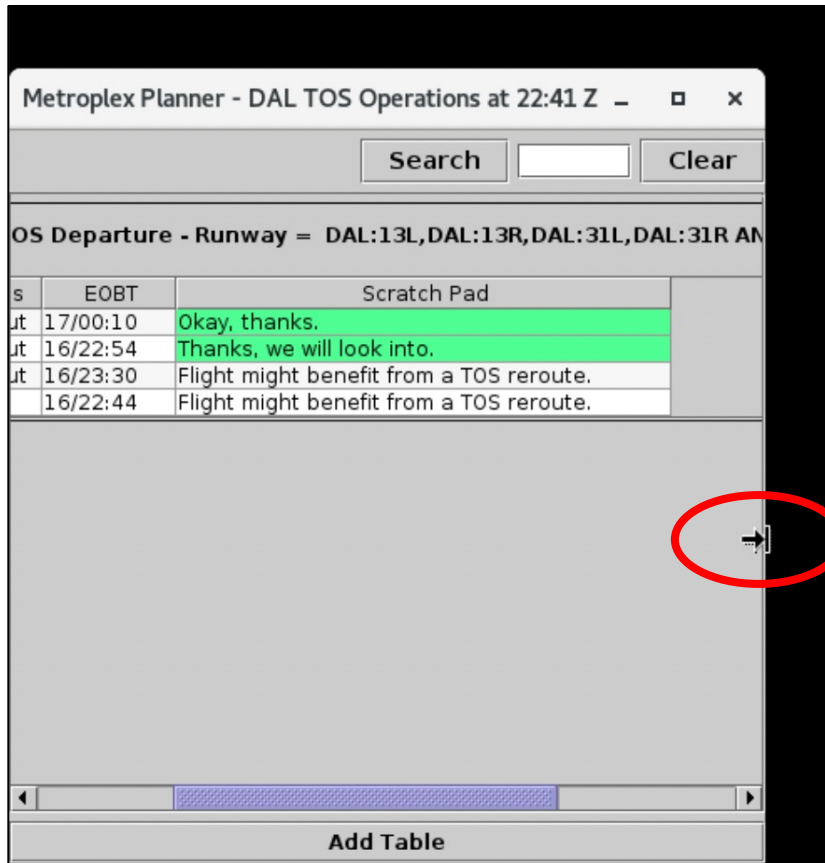
s	EOBT	Scratch Pad
ut	17/00:10	Okay, thanks.
ut	16/22:54	Thanks, we will look into.
ut	16/23:30	Flight might benefit from a T...
	16/22:44	Flight might benefit from a T...

**13** Use the mouse to hover over the edge of the column.

Click and drag to adjust its width.

s	EOBT	Scratch Pad
ut	17/00:10	Okay, thanks.
ut	16/22:54	Thanks, we will look into.
ut	16/23:30	Flight might benefit from a TOS reroute.
	16/22:44	Flight might benefit from a TOS reroute.

- Resize the TOS Operations window.



**14** Use the mouse to hover over the edges of the TOS Operations window.

Click and drag the borders of the window to adjust its width and height.

- 15 To sort this table by EOBT, in ascending order, click on the header of the “EOBT” column until the arrow is pointing up.

Metroplex Planner - DAL TOS Operations at 22:42 Z

Search  Clear

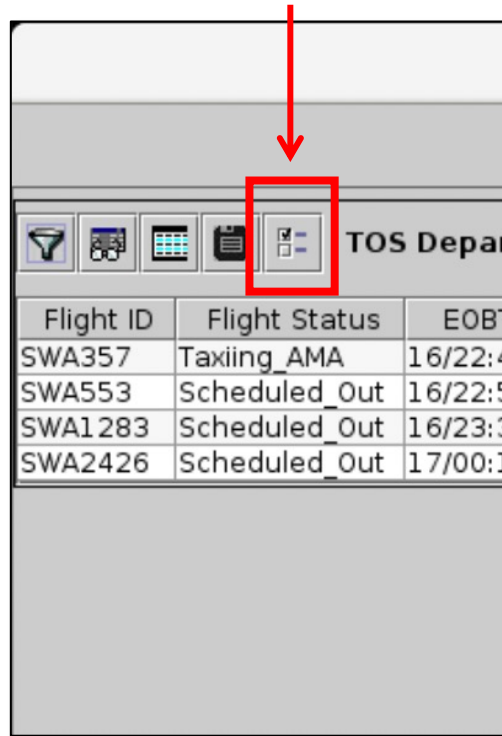
TOS Departure - Runway = DAL:13L,DAL:13R,DAL:31L,DAL:31R AND Has Scratch Pad = Yes

Flight ID	Flight Status	EOBT ▲	Scratch Pad
SWA357	Taxiing_AMA	16/22:44	Flight might benefit from a TOS reroute.
SWA553	Scheduled_Out	16/22:54	Thanks, we will look into.
SWA1283	Scheduled_Out	16/23:30	Flight might benefit from a TOS reroute.
SWA2426	Scheduled_Out	17/00:10	Okay, thanks.

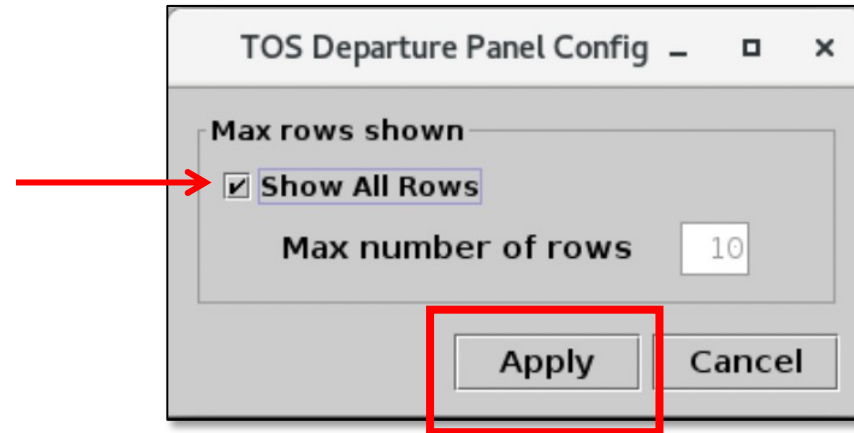
Add Table

- Finally, ensure that all rows are displayed in the new table.

**16** Select the “**Properties**” icon.



**17** Ensure that “**Show All Rows**” is selected.



**18** Select “**Apply.**”

# Approach C: Create a Single TOS Table



The screenshot displays the Metroplex Planner interface for DAL. It is divided into three main sections:

- Left Panel (Timeline):** Shows arrival and departure schedules for various flights. Key entries include SWA421 B737 at 13R 5, SWA1289 B737 at 13L 18, and SWA426 B737 at 13L 16.
- Right Panel (Map):** A circular radar-style map showing flight paths and aircraft positions. Various aircraft are labeled with call signs like ASA716, SWA779, and AAL926.
- Bottom Panel (TOS Operations):** A window titled "Metroplex Planner - DAL TOS Operations at 23:01 Z" showing a table of TOS departures. The table includes columns for Flight ID, Flight Status, EOBT, and Scratch Pad.

Flight ID	Flight Status	EOBT	Scratch Pad
SWA553	Taxiing_AMA	16/23:00	Thanks, we will look into.
SWA1283	Scheduled_Out	16/23:30	Flight might benefit from a TOS reroute.
SWA2426	Scheduled_Out	17/00:10	Okay, thanks.

**15** Re-position the TOS Operation window on the screen as needed.

# Scratch Pad Window

ATD-2 Metroplex Planner v6.0

- If a Scratch Pad window is open when a flight takes off or is no longer eligible for TOS operations, the Scratch Pad window is automatically closed. The following dialog box is displayed.

