

Target Flight Service EFB Protocol – (Updated 10/21/2024)

TFS has developed the following best practices for EFB use following the guidance of AC 120-76D, FAA InFO 1101, AC 91-78 and AC 91-21 among others.

Target Flight Services (TFS) uses iPads for Electronic Flight Bag (EFB) reference onboard its aircraft. New pilots shall be trained in on TFS EFB usage protocols using this document and the document EFB Training Syllabus.

TFS iPads are individually issued and maintained by the respective pilot.

TFS utilizes the following applications on its EFB:

- ForeFlight is the primary application for flight plans, weather, weight and balance/performance, runway analysis, approach charts, and enroute charts.
- Gulfstream Planebook is used as the Aircraft AFM and other required manuals and checklists.

Protocols:

- The most recent Apple recommended iOS should be installed. A monthly check will suffice.
 - If a critical update is identified by the Digital Apps Manager, the users will be notified via **Vocus Read and Acknowledge**.
 - The iPad shall be charged at least 80% prior to flight.
- The following software shall be up to date prior to flight:
 - Foreflight
 - Gulfstream Planebook
 - Vocus SMS

As noted in the TFS AFM, only one pilot shall use an electronic device at a time. A pilot shall verbally check with the other pilot if a “heads-down” time is needed on an EFB. The Digital Apps Mgr will monitor Foreflight subscriptions for currency. Additionally, The Apps Manager manages Jeppesen licenses and ARINC applications. The iPad shall be stowed when not being used for reference for airport charts, aircraft manuals or other technical flight references. Below 10,000 feet the iPad may only be used for situational awareness using Jeppesen approach charts, if desired. Should the iPad fail, Jeppesen charts are available on the aircraft via the MFD. The iPad shall be stowed securely in the side chart pockets. All tactical flight actions are taken in reference to aircraft data displayed on the aircraft avionics and weather radar.

G600 Ship iPad Logins:

iPad 4 Digit Code: **6925**

Apple ID: oceanplot@mail.com

Password: #Ocean-plot1

Email: oceanplot@gmail.com

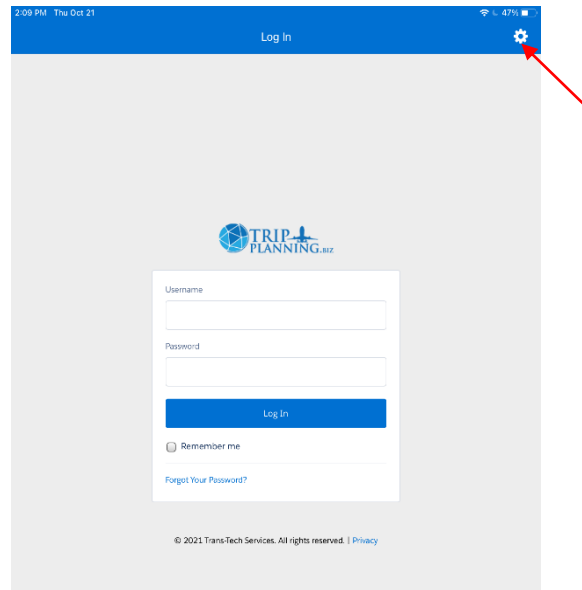
Password: #Plot-cross-sky

ForeFlight Login: oceanplot@mail.com

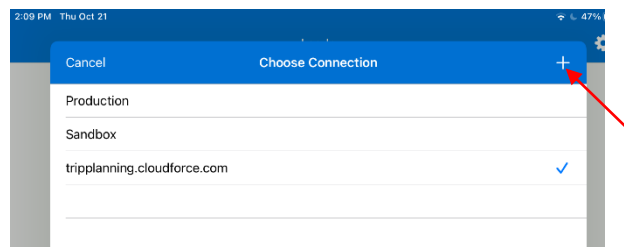
Password: G600iPad!

Mobile App Login when SSO is Enabled

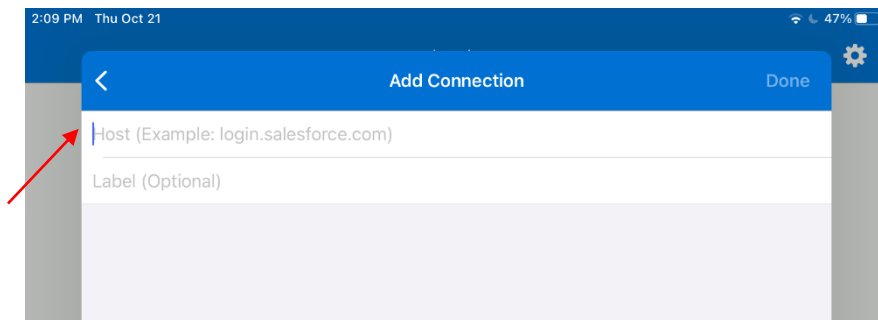
1. Open the TP.biz app & on the login screen, click the gear icon at top right.



2. A 'Choose Connection' window will open. Click the + sign at the top right of this window.



3. Copy & paste or type in your dedicated URL into the Host line: <https://target-flight.my.salesforce.com/>



4. Click Done at top right and it should add this option to your list of Connection options on the 'Choose Connection' window.
5. Select this as your login method.
6. Back on the Login screen, click the "Login with SSO" option below the Username/Pw fields.
7. You may be directed to a screen to enter your Target credentials.
8. After inputting credentials, you should be logged into the Mobile App

FuelerLinx Scheduling and Fuel Quote Process

1. Click on FuelerLinx

FuelerLinx

TARGET.

Group: Type Sort Legs:

Start Date: 02/05/2025 00:00 End Date: 02/21/2025 23:59

MAX. ALLOWED	10,533 lbs.
Est. Fuel @ MMTO	3,551 lbs.
Reserve Fuel (incl.)	3,548 lbs.

Note Flight plan calculated by ForeFlight

Trip TR4613 - Leg 2 MMTO-KDFW

Tango Created with Tango.us

2. Click on SCHEDULING INTEGRATION

FuelerLinx

TARGET.

Group: Type Start Date: 02/05/2025 00:00 End Date: 02/21/2025 23:59

Tango Created with Tango.us

3. Click on -Aircraft-

FuelerLinx

DASHBOARD

TARGET.

Group: Type ▾ **-Aircraft-** ▾

Start Date 02/05/2025 00:00 **End Date** 02/21/2025 23:59 **Reset**

SCHEDULING INTEGRATION

TRANSACTIONS

ANALYSIS

Tango Created with Tango.us

4. Click on Aircraft Tail Number

Group: Type ▾ **-Aircraft-** ▾

02/05/2025 00:00 02/21/2025 23:59 **Reset**

SCHEDULING INTEGRATION

TRANSACTIONS

ANALYSIS

FUEL PLANNER

VENDOR ADMIN

N183T

Tango Created with Tango.us

5. Click on Sort Legs:

The screenshot shows the FuelerLinx dashboard interface. On the left is a sidebar with navigation icons for Dashboard, Scheduling Integration, Transactions, and Analysis. The main header area includes the FuelerLinx logo, a Target logo, and a filter section with 'Group: Type' set to 'N183T'. The 'Sort Legs:' dropdown menu is highlighted with a red box. Below the filter section, a table displays flight trip information. The first row is highlighted in green and shows 'Trip TR4613 - Leg 1 KMSP-MMT0' with an 'Expand All' button. The second row shows 'Trip TR4613 - Leg 2 MMT0-KDEW'. At the bottom, there is a 'Tango' logo and the text 'Created with Tango.us'.

FuelerLinx

TARGET

Group: Type ▼ N183T ▼ Sort Legs: ▼

Start Date 02/05/2025 00:00 End Date 02/21/2025 23:59 Reset

Trip TR4613 - Leg 1 KMSP-MMT0 Expand All

Dep: KMSP ETD: 02/10/2025 08:00 Vol: 1 gal

Trip TR4613 - Leg 2 MMT0-KDEW

Tango Created with Tango.us

6. Click on Trip

This screenshot is identical to the previous one, but the 'Sort Legs:' dropdown menu is open, and the 'Trip #' option is highlighted with a red box. The 'Date' option is also visible below it. The rest of the dashboard, including the sidebar, filters, and flight trip table, remains the same.

FuelerLinx

TARGET

Group: Type ▼ N183T ▼ Sort Legs: ▼

Start Date 02/05/2025 00:00 End Date 02/21/2025 23:59 Reset

Trip #

Date

Trip TR4613 - Leg 1 KMSP-MMT0 Expand All

Dep: KMSP ETD: 02/10/2025 08:00 Vol: 1 gal

Trip TR4613 - Leg 2 MMT0-KDEW

Tango Created with Tango.us

7. Choose the trip you want to calculate fuel for

FuelerLinx

DASHBOARD **TARGET.**

SCHEDULING INTEGRATION

TRANSACTIONS

ANALYSIS

Group: Type Sort Legs: Start Date 00:00 End Date 23:59

Trip TR4198 - Leg 1 KMSP-EGSS

Dep: KMSP ETD: 02/17/2025 07:00 Vol: gal

Trip TR4198 - Leg 2 EGSS-LFPB

Tango Created with Tango.us

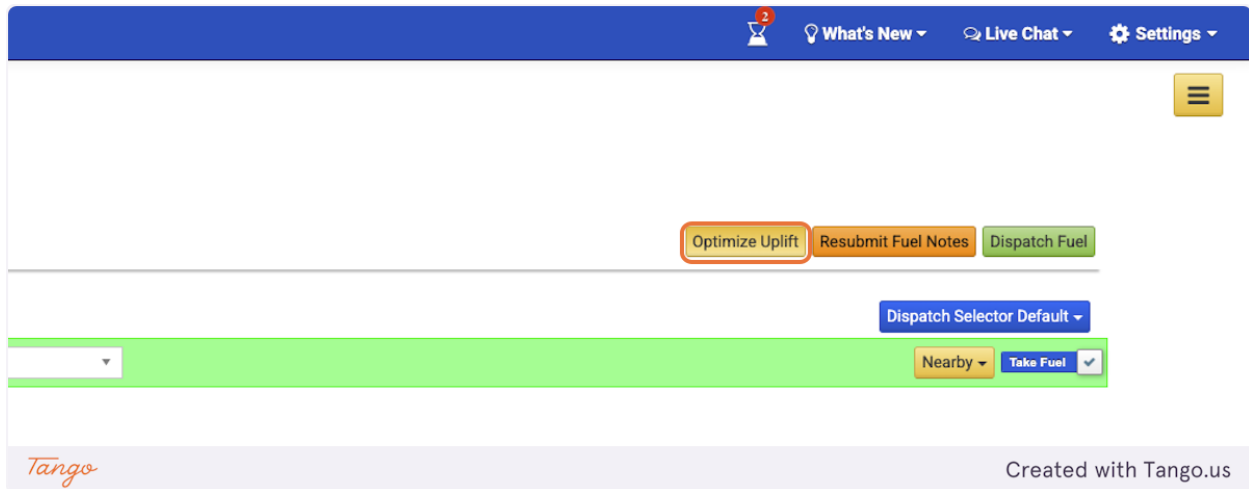
8. Click on Get Fuel Quote

What's New **Live Chat** **Settings**

Dispatch Selector Default

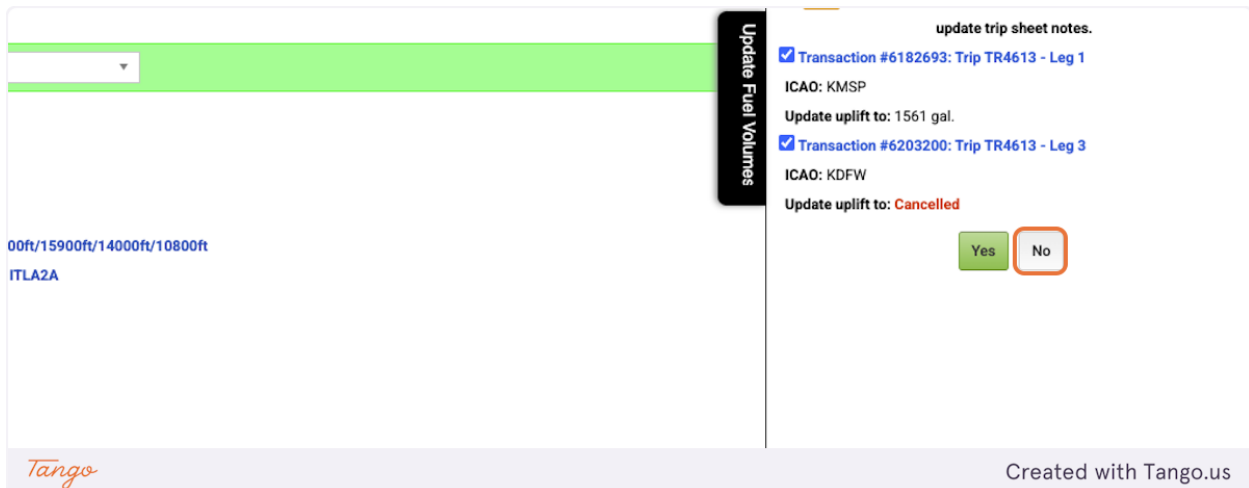
Tango Created with Tango.us

9. Click on Optimize Uplift



10. Click on No

This is just asking if you want to send this info to .Biz. No need to send this as it would just clutter up the information.



The screenshot displays the Tango flight optimization software interface. It features a sidebar on the left with navigation icons for Dashboard, Flights, Analysis, Fuel Planner, and Reports. The top bar includes filters for Group (Type), Start Date, and End Date. The main area shows two flight plans. The first flight plan, 'Trip TR4613 - Leg 1 KMSP-MMTO', shows a fuel uplift of 10,889 lbs and a total flight fuel of 10,895 lbs. The second flight plan, 'Trip TR4613 - Leg 2 MMTO-KDFW', shows a fuel uplift of 11,918 lbs and a total flight fuel of 6,918 lbs. The interface includes a sidebar with navigation icons, a top bar with filters, and a main area with detailed flight data and optimization results.

The screenshot shows the Fuel Planner interface for Trip TR4613 - Leg 1 KMSP-MMMO. The application displays various flight parameters and fuel costs. A red circle highlights the 'et. Fuel @ MMMO' value of 5,097 lbs.

Category	Item	Value
Fuel Setup	Unit Type	Lbs
	Fuel uplifted	10,989 lbs.
	Fuel to Destination	10,193 lbs.
	Tax Fuel	400 lbs.
	Total Flight Fuel	10,393 lbs.
	Extra Fuel uplifted	0 lbs.
	Extra Fuel	0 lbs.
	Ramp Fuel	15,692 lbs.
	Max. Allowed	35,852 lbs.
	et. Fuel @ MMMO	5,097 lbs.
Reserve Fuel (incl.)	5,092 lbs.	
Flight Parameters	Est. Total Flight Time	03:57
	Leg Distance	1610.1 NM
	Fuel Optimization Penalty	12%
	Calculated Cruise	80
	Calculated Altitude	70000FL430FL410FL450FL348FL340FL1941780001500014000108000
	Route	MMSP MSP SAT NLD MTY G181 USRU UQ101 IFLAS IFLAZA
	Total Flight Cost	\$6,838.12
	Extra Fuel Cost	\$0.00
	Ramp Fee	\$4960.00
	Fuel Price	700 gal

13. Click on Ramp Fuel 17,013 lbs.

Extra Fuel 0 lbs.
Ramp Fuel 15,892 lbs.
Max. Allowed 35,852 lbs.
Est. Fuel @ MMTD 5,097 lbs.
Reserve Fuel (incl.) 5,092 lbs.

Flight plan calculated by iFlightPlanner

Trip TR4613 - Leg 2 MMTD-KDFW **Fuel Uplift Logic**

Dep: MMTD ETD: 02/12/2025 08:00 Vol: 1703 gal Fuel Price Options: \$3.04/gal (ALL IN) AEO Fuels

Fuel Setup Unit Type: Lbs
Fuel Uplifted: 11,816 lbs.
Fuel to Destination: 4,718 lbs.
Taxi Fuel: 400 lbs.
Total Flight Fuel: 6,518 lbs.
Extra Fuel Uplifted: 5,633 lbs.
Extra Fuel: 17,013 lbs.
Max. Allowed: 29,872 lbs.
Est. Fuel @ KDFW: 10,495 lbs.
Reserve Fuel (incl.): 5,092 lbs.

Flight plan calculated by iFlightPlanner

Extra Fuel Cost \$0.00
Ramp Fee \$4980.00
Vol: 700 gal

Est. Total Flight Time 02:13
Leg Distance 911.3 NM
Fuel Optimization Penalty 4%
Calculated Cruise 79
Calculated Altitude FL214FL1242FL289FL396FL430FL450FL366FL252FL201/17300R/14900R/12200R/0
Route XOTK18 XOTK1 X03 XOVAB UT144 QET UQ101 URSUR UT44 MTF NLD SAT J25 CWK QD3
Total Flight Cost \$5,334.72
Extra Fuel Cost \$5,501.82
Ramp Fee \$4,980.00
Vol: 700 gal

Trip TR4613 - Leg 3 KDFW-KMSP **Fuel Uplift Logic**

Dep: KDFW ETD: 02/13/2025 15:00 Vol: 1 gal Fuel Price Options: \$4.45/gal AirFuel at DFW Corporate Aviation

Fuel Setup Unit Type: Lbs
Fuel Uplifted: 0 lbs.
Fuel to Destination: 4,994 lbs.
Taxi Fuel: 400 lbs.
Total Flight Fuel: 5,394 lbs.

Est. Total Flight Time 01:51
Leg Distance 745.6 NM
Fuel Optimization Penalty 4%
Calculated Cruise 77
Calculated Altitude FL410FL133FL182FL214FL191/17200R/14600R/12300R/9800R

Created with Tango.us

14. Click on Fuel Uplift Logic. This shows what the system is using for justification for the fuel loads on this leg.

Results

Extra Fuel 5,633 lbs.
Ramp Fuel 17,013 lbs.
Max. Allowed 29,872 lbs.
Est. Fuel @ KDFW 10,495 lbs.
Reserve Fuel (incl.) 5,092 lbs.

Flight plan calculated by iFlightPlanner

Trip TR4613 - Leg 3 KDFW-KMSP **Fuel Uplift Logic**

Dep: KDFW ETD: 02/13/2025 15:00 Vol: 1 gal

Fuel Setup Unit Type: Lbs
Fuel Uplifted: 0 lbs.
Fuel to Destination: 4,994 lbs.
Taxi Fuel: 400 lbs.

Created with Tango.us

15. Click on Fuel Uplift Logic

The screenshot displays the 'FUEL PLANNER' section of a software interface. On the left, a vertical sidebar contains icons for 'TRANSACTIONS', 'ANALYSIS', 'FUEL PLANNER' (selected), and 'VENDOR ADMIN'. The main content area shows flight details for 'Trip TR4613 - Leg 2 MMTO-KDFW'. A red box highlights the 'Fuel Uplift Logic' tab. Below this, a table lists fuel-related metrics:

WGA. AIRCRAFT	33,034 lbs.
Est. Fuel @ MMTO	5,097 lbs.
Reserve Fuel (incl.)	5,092 lbs.

A note states: 'Flight plan calculated by iFlightPlanner'. Below the table, a section for 'Dep: MMTO' shows 'ETD: 02/12/2025 08:00' and 'Vol: 1755 gal'. A 'Unit Type' dropdown is set to 'Lbs'. A table shows fuel uplift details:

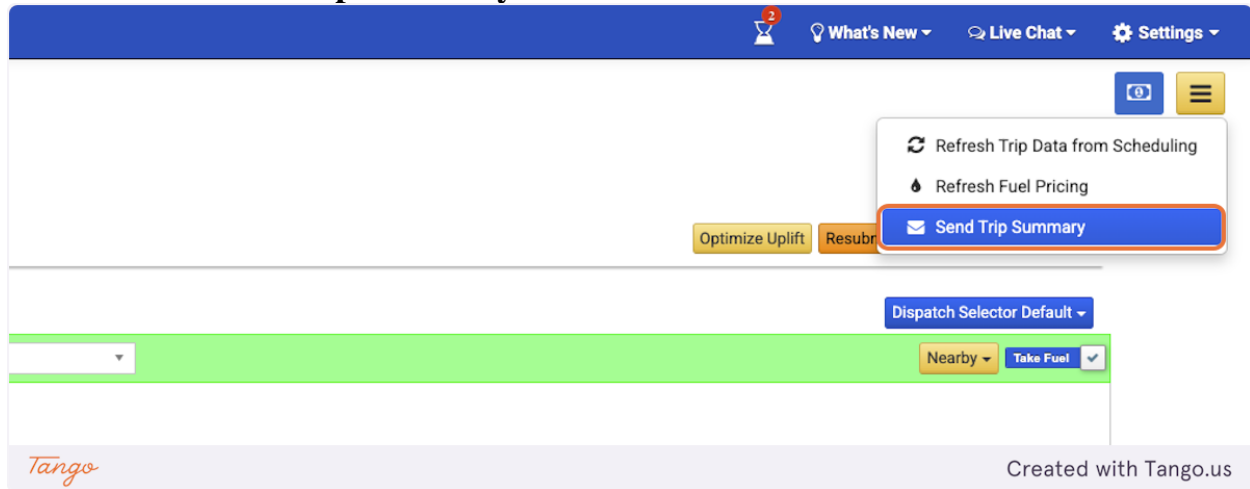
Fuel Setup	Unit Type	Lbs
Optimization	Fuel Uplifted	11,916 lbs.
Settings	Fuel to Destination	6,118 lbs.
	Taxi Fuel	400 lbs.

The bottom of the interface features the 'Tango' logo and the text 'Created with Tango.us'.

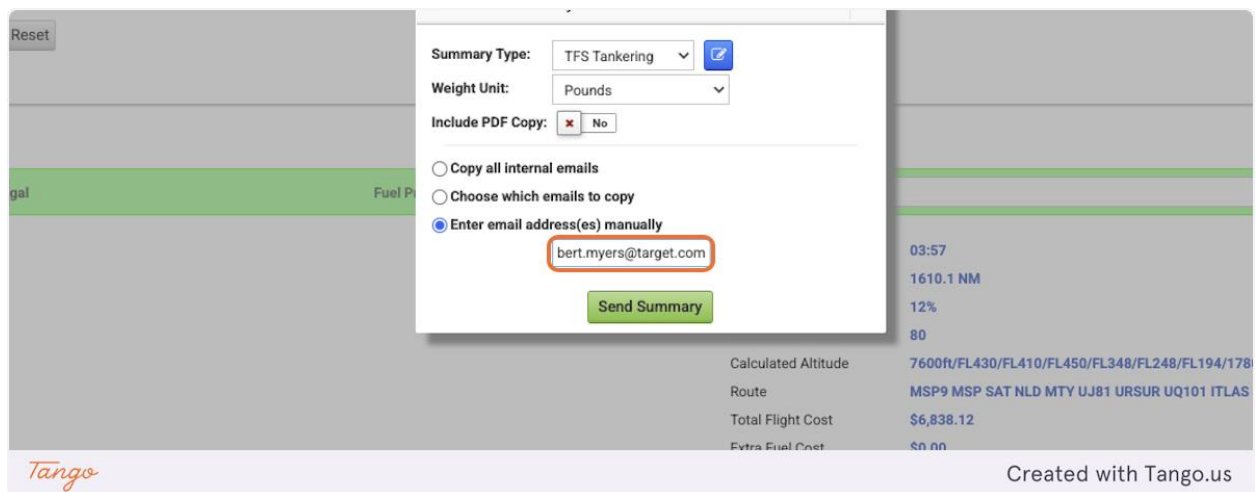
16. Click on dropdown trigger

The screenshot shows the 'Fuel Planner' interface with a focus on the 'Dispatch Fuel' button. The top navigation bar includes a notification icon, 'What's New', 'Live Chat', and 'Settings'. The main content area has a green bar with a dropdown menu. The 'Dispatch Fuel' button is highlighted, and the 'Take Fuel' dropdown is set to 'Nearby'. The bottom of the interface features the 'Tango' logo and the text 'Created with Tango.us'.

17. Click on Send Trip Summary



18. Type in your email and any other email addresses you want to share the report with. Separate emails address with a comma.



19. Click on Send Summary

The screenshot shows a flight summary form with a modal dialog for sending a summary. The dialog has the following fields and options:

- Weight Unit: Pounds (dropdown)
- Include PDF Copy: ☒ No
- ☐ Copy all internal emails
- ☐ Choose which emails to copy
- ☒ Enter email address(es) manually
- Email address: bert.myers@target.com
- Send Summary (button, highlighted with a red box)

The background form displays flight details:

Calculated Altitude	7600ft/FL430/FL410/FL450/FL348/FL248/FL194/178
Route	MSP9 MSP SAT NLD MTY UJ81 URSUR UQ101 ITLAS
Total Flight Cost	\$6,838.12
Extra Fuel Cost	\$0.00
Ramp Fee	\$4980.00

Fuel Price Options: *\$4.38/gal Signature (US) at Signature - MSP

Est. Total Flight Time: 03:57

Tango Created with Tango.us

20. Click on Close

The screenshot shows a confirmation dialog titled "Send Summary" with a close button (X) in the top right corner. The dialog contains the following text:

A summary has been sent to the selected email address(es).

Close (button, highlighted with a red box)

The background form displays the same flight details as in the previous screenshot:

Calculated Altitude	7600ft/FL430/FL410/FL450/FL348/FL248/FL194/178
Route	MSP9 MSP SAT NLD MTY UJ81 URSUR UQ101 ITLAS
Total Flight Cost	\$6,838.12
Extra Fuel Cost	\$0.00
Ramp Fee	\$4980.00

Fuel Price Options: *\$4.38/gal Signature (US) at Signature - MSP

Est. Total Flight Time: 03:57

Tango Created with Tango.us