

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 04/22/2021	APWS Task ID: 1D6583C7C98149BF8DE2E50A694D9413	APWS Project ID: DDA5664A65494C4C86E32B548A9A0813
Procedure: KTPA BAYPO NINE		Enroute: YES	Specialist: Gracey, Dean		Agreement Number:
Airport ID: KTPA	Airport Name: TAMPA INTL		Airport City: TAMPA		State: FL
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			

Procedure Comments:

ACTIVE AIRPORT DATA USED.

WAIVER LETTER REQUIRED TO NOT CHART MCA AT IF FOR RADAR VECTORS (RV) FOR ALL RUNWAYS AT KTPA AND KPIE FLYING A VA-VM-DF ROUTE.

CONTACT ALLAN WILL AJV-A423 (405) 954-6103.

QUALITY
24
CHECKED

Digitally signed by **MARY MCDONALD** 12
Jan 08, 2021

QUALITY
12
CHECKED

FIPC DME/DME FORM							
PROCEDURE: KTPA BAYPO NINE			AIRPORT NAME: TAMPA INTL		AIRPORT ID: KTPA	SPECIAL CONTROL NO: AP-01-103-21	
FAC ID: BAYPO9		CITY: TAMPA			ST: FL	ORIG CHART DATE: 04/22/2021	
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:		PTS TASK ID:		
PREFLIGHT NOTES							
REVIEWER: edward w mesa					DATE: 02/12/2021		
COMMENTS:					CHECK ONE:		
					<input type="checkbox"/> FLT CK REQ <input checked="" type="checkbox"/> NFCR <input type="checkbox"/> REJECT		
							YES
					CPV COMPLETE?		X
PROCEDURE RESULTS							
INSPECTION DATE: 02/12/2021		CREW #: VN283	N #:	INSTRUMENT PROCEDURE STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: edward w mesa @ 02/17/2021 12:31			PRINTED NAME: MESA, EDWARD WILLIAM				NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS:							
DME/DME STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT		SPECIALIST SIGNATURE: bruce ctr hopkins @ 02/17/2021 14:39			PRINTED NAME: Bruce CTR Hopkins		
SPECIALIST REMARKS: No DME DME necessary, Flight Check not required							
IN-FLIGHT OBSTACLE REPORT							
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:

FIPC DME/DME FORM

PROCEDURE: KTPA BAYPO NINE		AIRPORT NAME: TAMPA INTL		AIRPORT ID: KTPA	SPECIAL CONTROL NO: AP-01-103-21
FAC ID: BAYPO9		CITY: TAMPA		ST: FL	ORIG CHART DATE: 04/22/2021
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 0.4	REIMB. NUMBER:	PTS TASK ID:	

PREFLIGHT NOTES

REVIEWER: edward w mesa	DATE: 02/12/2021			
COMMENTS:	CHECK ONE: <input type="checkbox"/> FLT CK REQ <input checked="" type="checkbox"/> NFCR <input type="checkbox"/> REJECT			
	<table><tr><td></td><td>YES</td><td>NO</td></tr></table>		YES	NO
		YES	NO	
CPV COMPLETE?	X			

PROCEDURE RESULTS

INSPECTION DATE: 02/12/2021	CREW #: VN283	N #:	INSTRUMENT PROCEDURE STATUS: <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT	ARINC CODING: <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT
FLIGHT INSPECTOR SIGNATURE: edward w mesa @ 02/17/2021 07:54			PRINTED NAME: MESA, EDWARD WILLIAM	NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

FLIGHT INSPECTOR REMARKS: Sat, except correct note referring to DMEDME IRU required, and remove any other references to DMEDME as I understand this procedure is intended to be GNSS only.	
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DME/DME STATUS: <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	SPECIALIST SIGNATURE:	PRINTED NAME: Bruce CTR Hopkins
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SPECIALIST REMARKS: No DME DME necessary, Flight Check not required

IN-FLIGHT OBSTACLE REPORT

OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:
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1. FLIGHT PROCEDURE IDENTIFICATION:

ST.PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL (KPIE)
TAMPA INTL, TAMPA, FL (KTPA)
BAYPO DEPARTURE (RNAV)

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Waive requirement to chart MCA at the IF for Radar Vectors (RV) for all runways at KTPA and KPIE flying a VA-VM-DF route. Order 8260.46 G, Appendix E, Section 1, para 10.C. "Document the minimum crossing altitude at the IF on RNAV Radar departure procedures as follows: CHART: MINIMUM CROSSING ALTITUDE AT (RNAV IF)-(Altitude)."

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

The BAYPO RNAV SID is designed with no coded/charted MCA at the IF, and there are no issues with clearances or safety. This variation in SID design produced an inherent inconsistency and unnecessary complexity in formulating departure clearances. As a result of this change by AJV-5 and in order to adhere to 7110.65 requirements, departure clearances are required to be specifically tailored dependent upon the departure procedure as well as the departure runway assigned. This inconsistency has created a safety issue resulting in the potential for the issuance of an erroneous clearance. Clearance Delivery (CD) does not know what runway the aircraft will be assigned for departure at the time the departure clearance is initially issued. A failure to issue a required amendment to the departure clearance by Ground or Local Control due to a runway reassignment can result in the aircraft departing with an incorrect departure clearance. Removal of the charted/coded MCA at the IF will eliminate the safety issue and the inconsistency, therefore allowing the same departure clearance to be issued regardless of the departure procedure or departure runway assigned.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

1. With an initial procedurally required minimum initial climb gradient of 500 FT/NM to 520 and then the standard climb gradient of 200 FT/NM, a departing aircraft will be above 1500 within 10 NM after departure and at a minimum of 2.38 NM prior to the IF (FINKI) which is 12.38 NM from the closest DER. The departure route description for KTPA runways 01L, 01R, 19L, 19R, 10, 28, KPIE runway 18 will provide instruction for the aircraft to conduct an uninterrupted climb to 6000 (KTPA) 1600 (KPIE) which is at or above the MVA from the airport to the IF.
2. ATC will ensure aircraft departing all runways cross the IF at or above 3000 ft. MSL.
3. An OCS with a starting elevation of 520 ft. (1500 MVA-1000 ROC) was evaluated for the route starting at RWY 01L DER (CLOSET RUNWAY to IF) and the surface was clear.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

Eastern Service Area PBN FAA and NATCA leads.
ZJX ARTCC
ZMA ARTCC
TPA Approach Control.
American Airlines

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE
	AJV-A42	

SIGNATURE
Digitally signed by
ALLAN WILL
Jan 11, 2021

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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(BAYPO9.BAYPO) FIG

AL-625 (FAA)

ST PETE-CLEARWATER INTL (PIE)
ST PETERSBURG-CLEARWATER, FLORIDA

BAYPO NINE DEPARTURE (RNAV)

ATIS
134.5
CLNC DEL
120.6 350.2
GND CON
121.9 348.6
ST. PETERSBURG-
CLEARWATER TOWER ★
118.3 (CTAF) 257.8
TAMPA DEP CON 125.3
316.05

TAKEOFF MINIMUMS

Rwys 4, 22 : NA - ATC

Rwys 18, 36: Standard with minimum climb
of 500' per NM to 520.

NOTE: RNAV 1

NOTE: Jets only

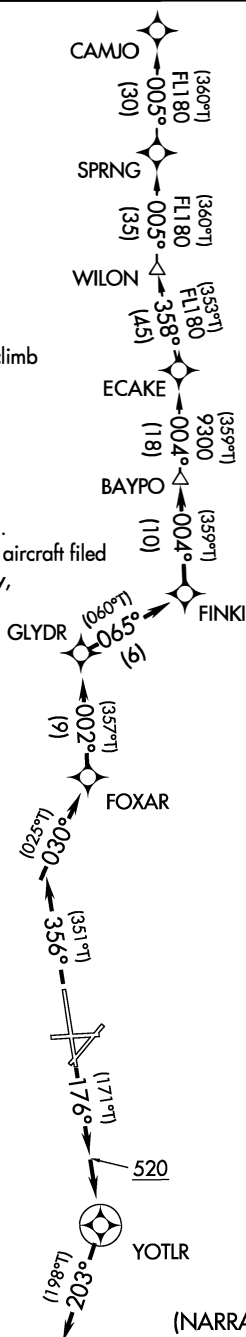
NOTE: RADAR required

NOTE: DME/DME/IRU or GPS required.

NOTE: WILON TRANSITION for use by aircraft filed
to Jacksonville area airports only,
or as assigned by ATC.

**TOP ALTITUDE:
1600**

**PROTOTYPE-NOT
FOR NAVIGATION**



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

BAYPO NINE DEPARTURE (RNAV)

(BAYPO9.BAYPO) FIG

ST PETERSBURG-CLEARWATER, FLORIDA
ST PETE-CLEARWATER INTL (PIE)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 18: Climb on heading 176° to 520, then direct YOTLR, then on heading 203° or as assigned by ATC, for vectors to FINKI, thence

TAKEOFF RUNWAY 36: Climb on heading 356° to intercept course 030° to FOXAR, then on track 002° to GLYDR, then on track 065° to FINKI, thence

. . . . on track 004° to BAYPO. Maintain 1 600. Expect clearance to filed altitude within ten minutes after departure.

CAMJO TRANSITION (BAYPO9.CAMJO)
WILON TRANSITION (BAYPO9.WILON)

PROTOTYPE-NOT FOR NAVIGATION

D-ATIS DEP
128.475
CLNC DEL
133.6
CPDLC
GND CON
121.7 269.4
TAMPA TOWER
119.5 269.4
TAMPA DEP CON
118.8 239.3

TOP ALTITUDE:
6000

PROTOTYPE-NOT
FOR NAVIGATION

TAKEOFF MINIMUMS

Rwys 1L/1R, 10, 19L/19R, 28: Standard with minimum climb of 500' per NM to 540.

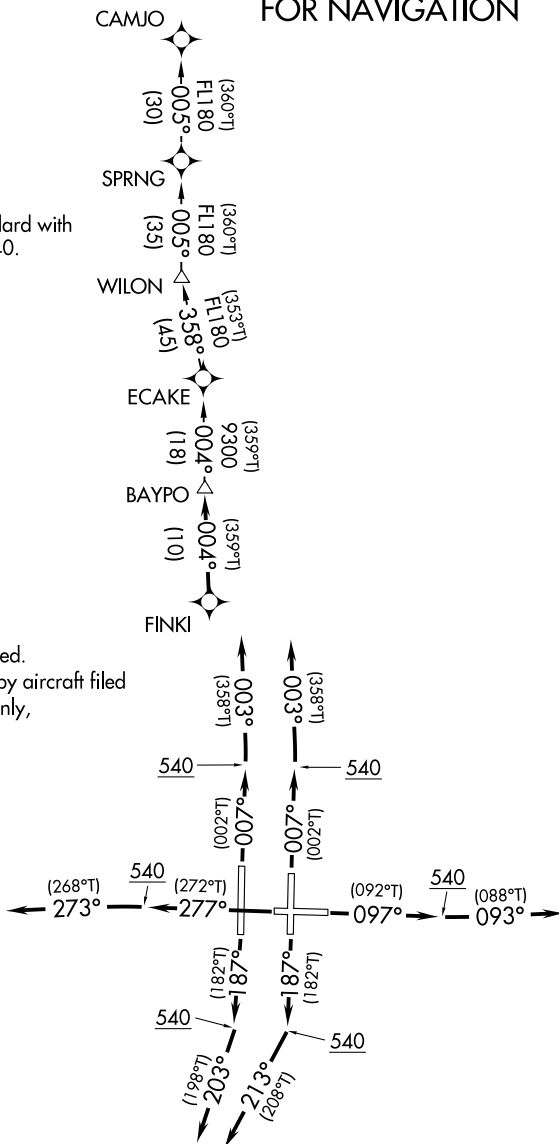
NOTE: RNAV 1

NOTE: Jets only

NOTE: RADAR required

NOTE: DME/DME/IRU or GPS required.

NOTE: WILON TRANSITION for use by aircraft filed to Jacksonville area airports only, or as assigned by ATC.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

BAYPO NINE DEPARTURE (RNAV)

(BAYPO9.BAYPO) FIG

TAMPA, FLORIDA

TAMPA INTL (TPA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb on heading 007° to 540, then on heading 003° or as assigned by ATC, for vectors to FINKI, thence

TAKEOFF RUNWAY 10: Climb on heading 097° to 540, then on heading 093° or as assigned by ATC, for vectors to FINKI, thence

TAKEOFF RUNWAY 19L: Climb on heading 187° to 540, then on heading 213° or as assigned by ATC, for vectors to FINKI, thence

TAKEOFF RUNWAY 19R: Climb on heading 187° to 540, then on heading 203° or as assigned by ATC, for vectors to FINKI, thence

TAKEOFF RUNWAY 28: Climb on heading 277° to 540, then on heading 273° or as assigned by ATC, for vectors to FINKI, thence

. . . . on track 004° to BAYPO. Maintain 6000. Expect clearance to filed altitude within ten minutes after departure.

CAMJO TRANSITION (BAYPO9.CAMJO)
WILON TRANSITION (BAYPO9.WILON)

PROTOTYPE-NOT FOR NAVIGATION

BAYPO EIGHT DEPARTURE (RNAV)

OLD
AL-416 (FAA)

TAMPA INTL (TPA)
TAMPA, FLORIDA

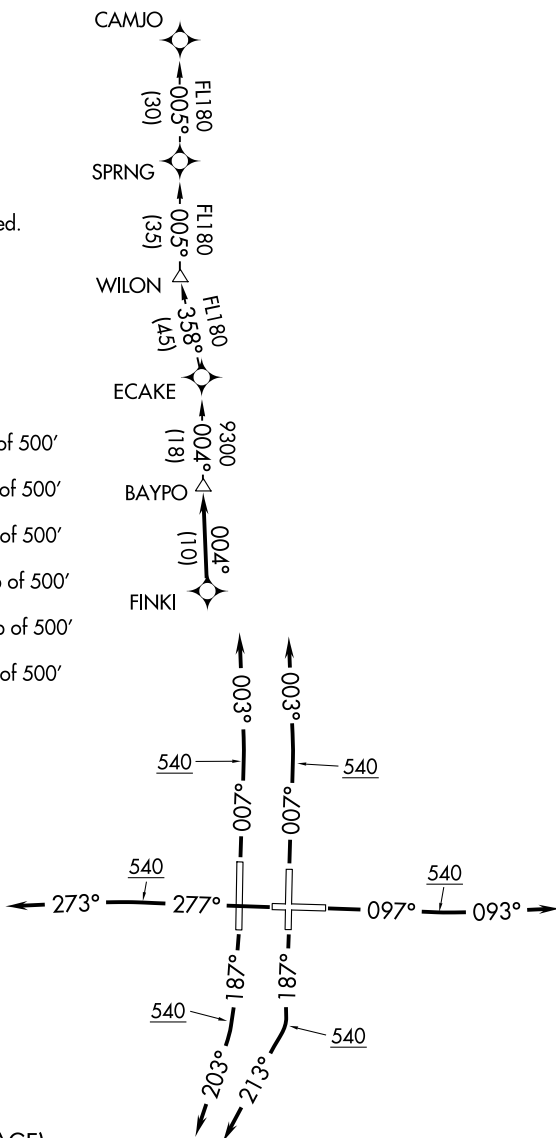
D-ATIS DEP
128.475
CLNC DEL
133.6
CPDLC
GND CON
121.7 269.4
TAMPA TOWER
119.5 269.4
TAMPA DEP CON
118.8 239.3

TOP ALTITUDE:
6000

NOTE: RNAV 1.
NOTE: Turbojets only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS:

Rwy 1L: Standard with minimum climb of 500' per NM to 2600.
Rwy 1R: Standard with minimum climb of 500' per NM to 2400.
Rwy 10: Standard with minimum climb of 500' per NM to 2000.
Rwy 19L: Standard with minimum climb of 500' per NM to 2100.
Rwy 19R: Standard with minimum climb of 500' per NM to 2000.
Rwy 28: Standard with minimum climb of 500' per NM to 2100.



NOTE: Chart not to scale.

BAYPO EIGHT DEPARTURE (RNAV)

(BAYPO8.BAYPO) 13SEP18

TAMPA, FLORIDA
TAMPA INTL (TPA)

OLD

SE-3, 10 SEP 2020 to 08 OCT 2020

SE-3, 10 SEP 2020 to 08 OCT 2020

BAYPO EIGHT DEPARTURE (RNAV)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 1L/R: Climb on heading 007° to 540, then on heading 003° or as assigned by ATC, thence. . . .

TAKEOFF RWY 10: Climb on heading 097° to 540, then on heading 093° or as assigned by ATC, thence. . . .

TAKEOFF RWY 19L: Climb on heading 187° to 540, then on heading 213° or as assigned by ATC, thence. . . .

TAKEOFF RWY 19R: Climb on heading 187° to 540, then on heading 203° or as assigned by ATC, thence. . . .

TAKEOFF RWY 28: Climb on heading 277° to 540, then on heading 273° or as assigned by ATC, thence. . . .

. . . .expect RADAR vectors to FINKI, then on track 004° to BAYPO. Maintain 6000 or as assigned by ATC, expect clearance to filed altitude within ten minutes after departure.

CAMJO TRANSITION (BAYPO8.CAMJO)

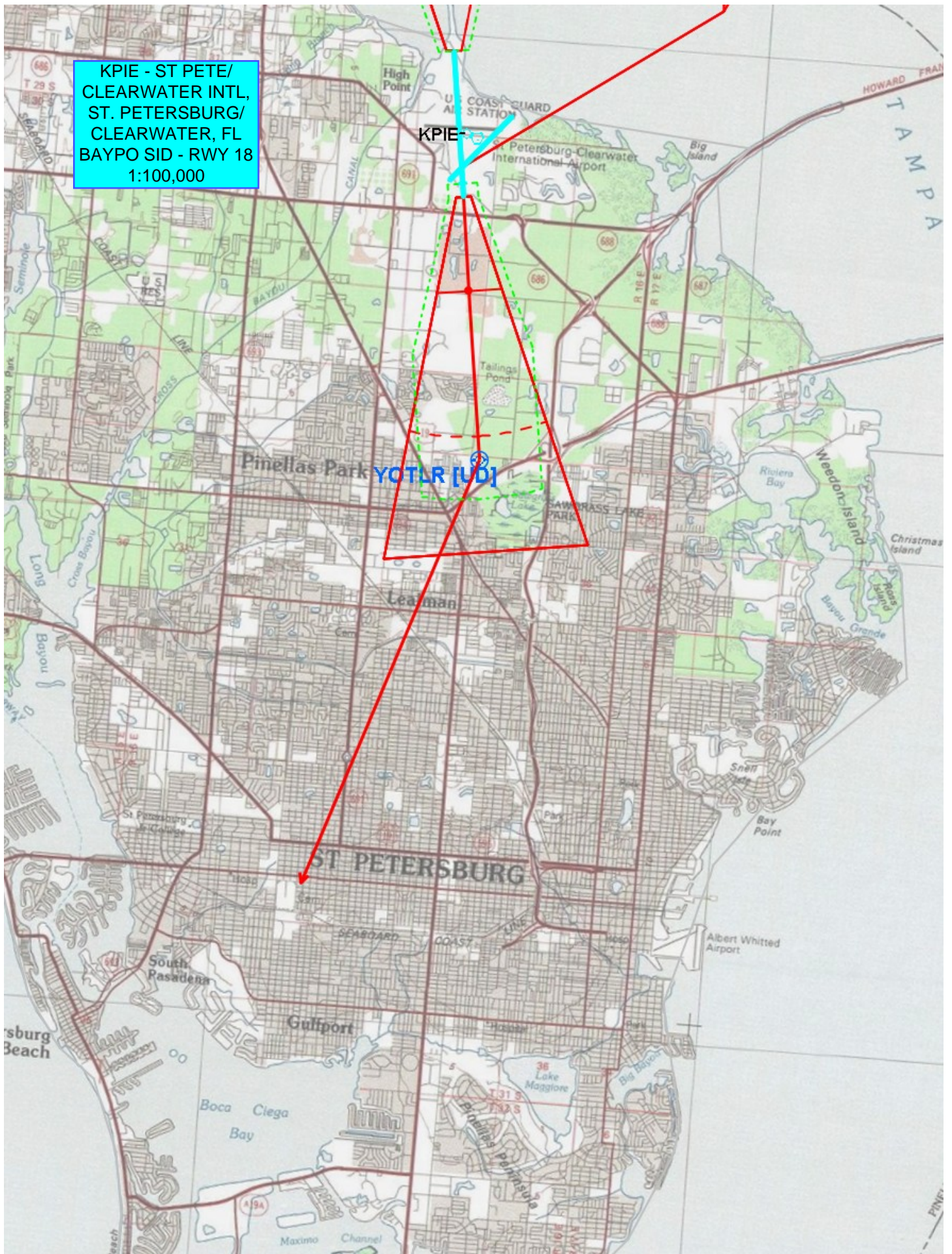
SE-3, 10 SEP 2020 to 08 OCT 2020

SE-3, 10 SEP 2020 to 08 OCT 2020

KPIE - ST PETE/
CLEARWATER INTL,
ST. PETERSBURG/
CLEARWATER, FL
BAYPO SID - RWY 18
1:500,000



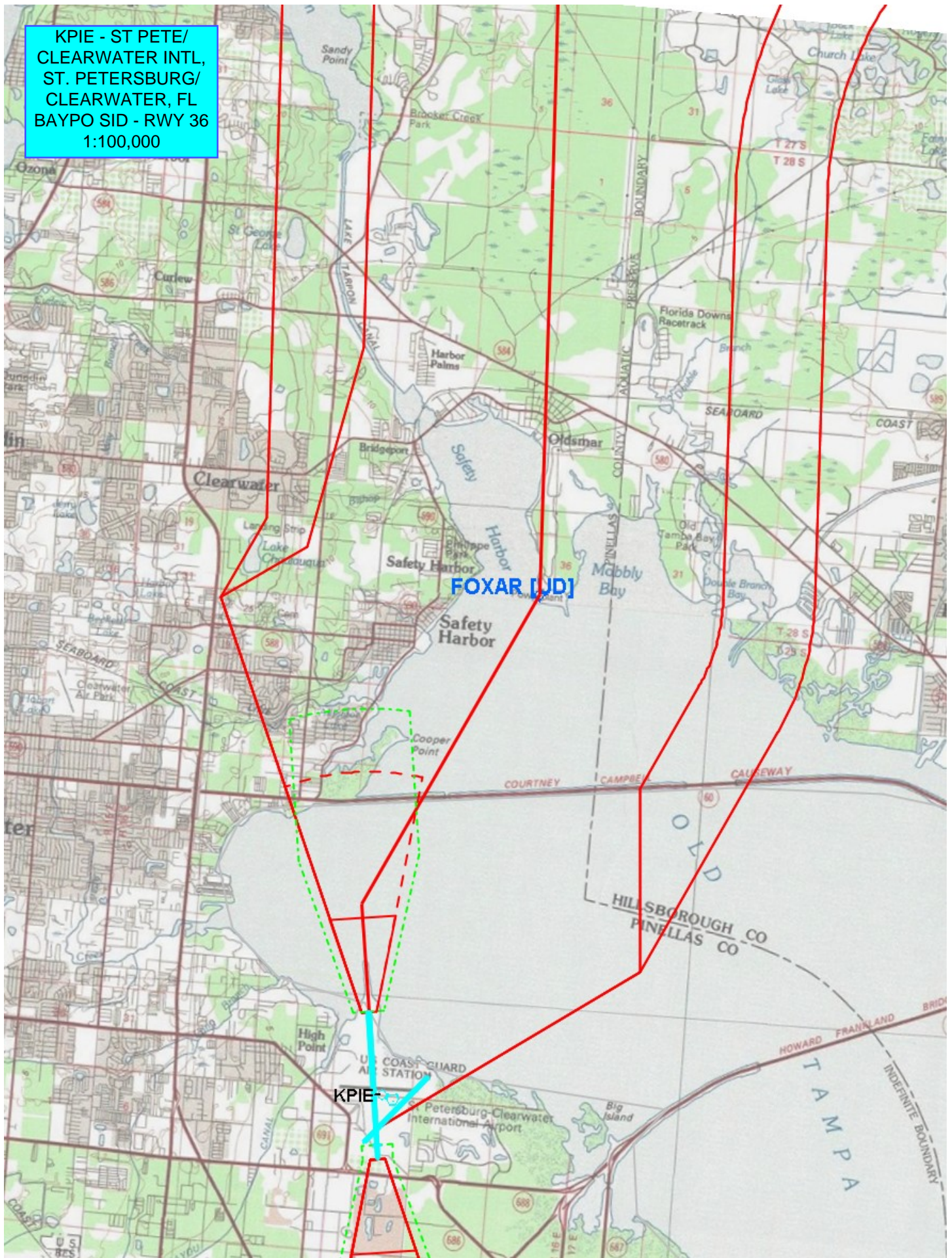
KPIE - ST PETE/
CLEARWATER INTL,
ST. PETERSBURG/
CLEARWATER, FL
BAYPO SID - RWY 18
1:100,000



KPIE - ST PETE/
CLEARWATER INTL,
ST. PETERSBURG/
CLEARWATER, FL
BAYPO SID - RWY 36
1:500,000



KPIE - ST PETE/
CLEARWATER INTL,
ST. PETERSBURG/
CLEARWATER, FL
BAYPO SID - RWY 36
1:100,000



KTPA - TAMPA INTL,
TAMPA, FL
BAYPO SID - RWY 1L,1R
1:500,000

BAYPO

FINKI

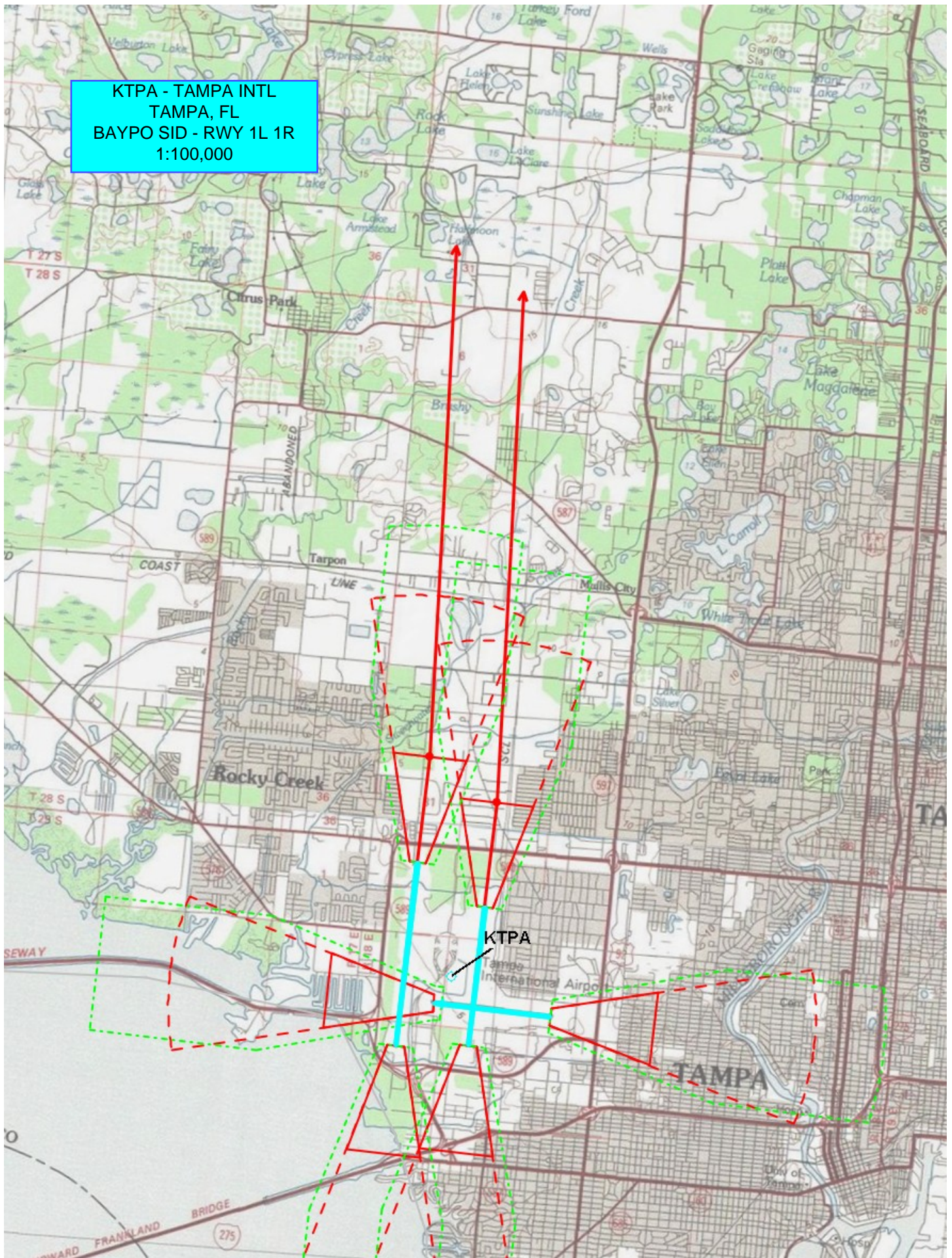
KTPA

KPIE

CAUTION
Heavy fast military jet traffic over
Tampa Bay to the northeast, east,
and south of MacDill AFB from 1000
to 2500 ft.

CTC TAMPA APP WITHIN
20 NM ON 119/65, 353/575

KTPA - TAMPA INTL
TAMPA, FL
BAYPO SID - RWY 1L 1R
1:100,000

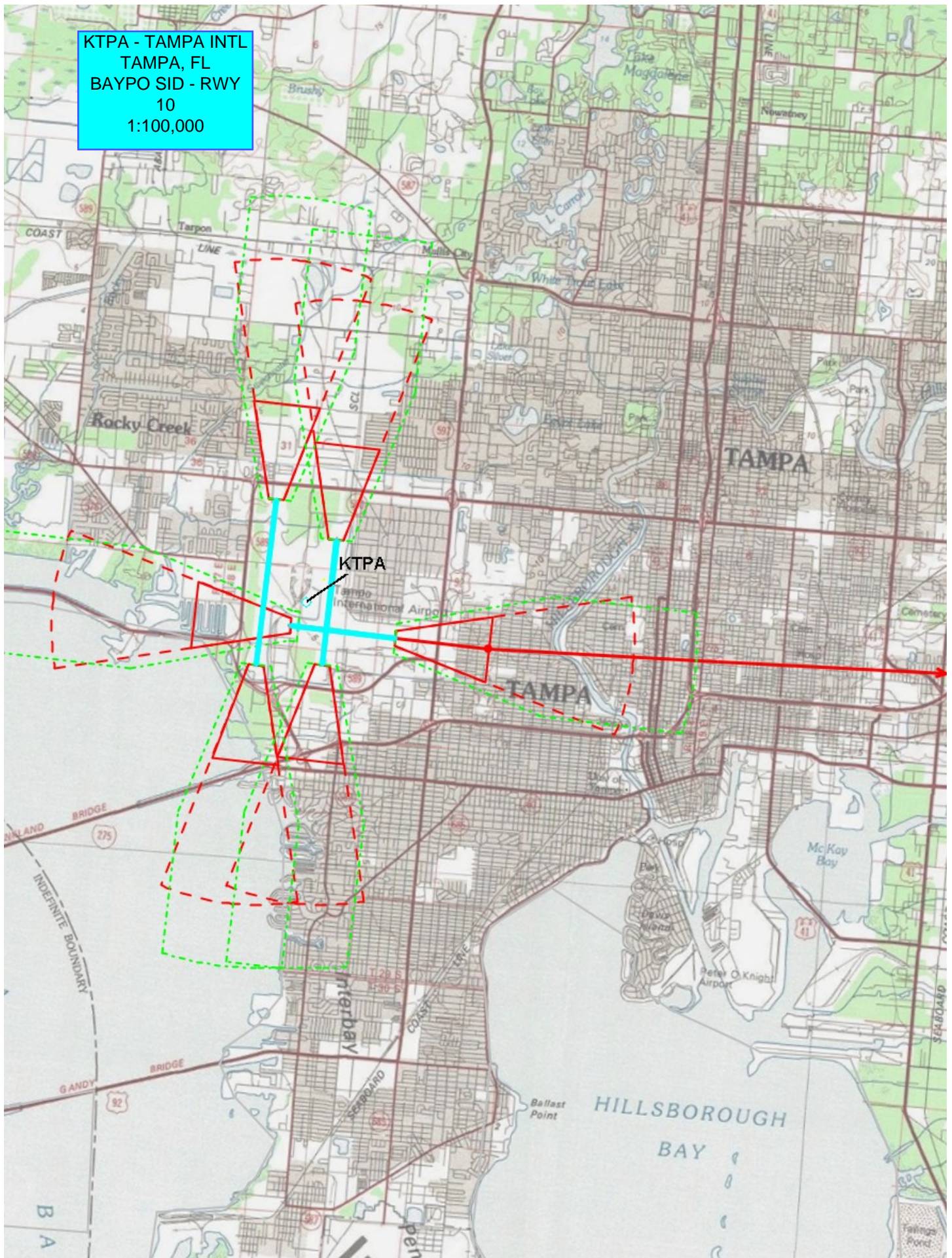




KTPA - TAMPA INTL,
TAMPA, FL
BAYPO SID - RWY 10
1:500,000

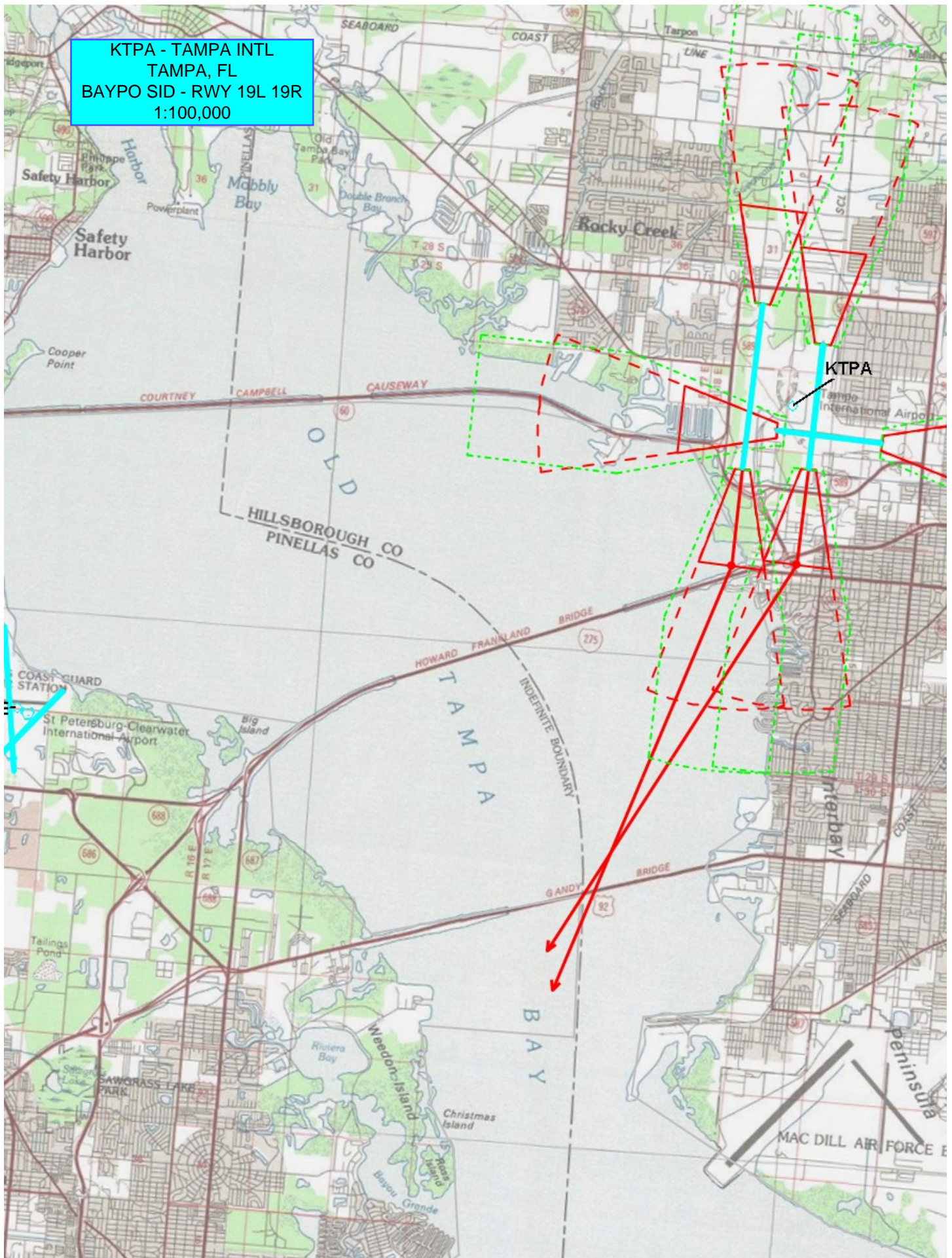
CAUTION
Heavy fast military jet traffic over
Tampa Bay to the northeast, east,
and south of MacDill AFB from 1000
to 2500 ft.
CTC TAMPA APP WITHIN
20 NM ON 119/65, 353/575

KTPA - TAMPA INTL
TAMPA, FL
BAYPO SID - RWY
10
1:100,000





KTPA - TAMPA INTL
TAMPA, FL
BAYPO SID - RWY 19L 19R
1:100,000



KTPA - TAMPA INTL
TAMPA, FL
BAYPO SID - RWY 28
1:500,000

BAYPO

FINKI

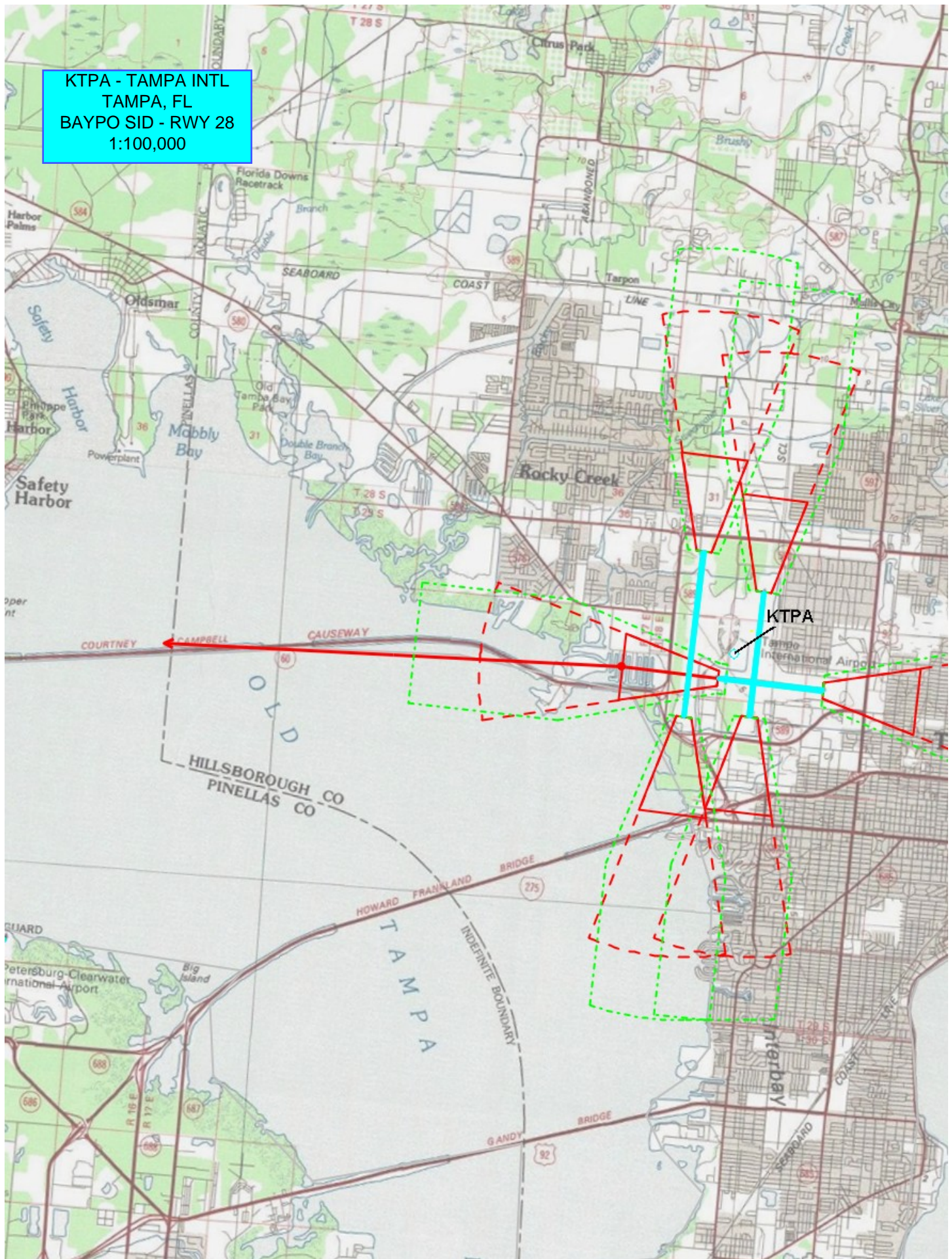
KTPA

KPIE

CAUTION
Heavy fast military jet traffic over
Tampa Bay to the northeast, east,
and south of MacDill AFB from 1000
to 2500 ft.

CTC TAMPA APP WITHIN
20 NM ON 119/65, 353/575

KTPA - TAMPA INTL
TAMPA, FL
BAYPO SID - RWY 28
1:100,000



KPIE - ST PETE/
CLEARWATER INTL,
ST. PETERSBURG/
CLEARWATER, FL &
KTPA - TAMPA INTL,
TAMPA, FL
BAYPO SID 1 OF 2
1:500,000

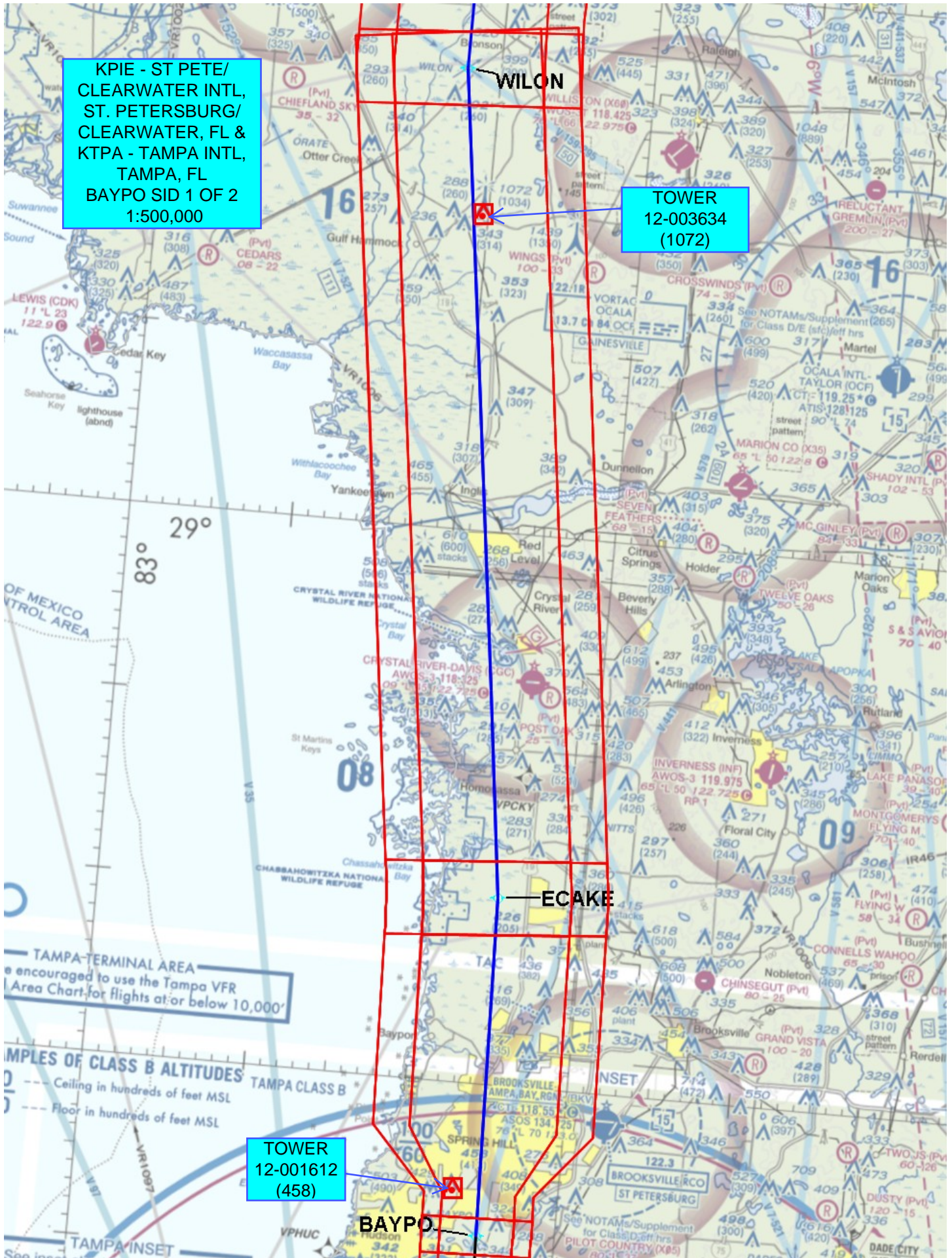
WILON

TOWER
12-003634
(1072)

—ECALE

TOWER
12-001612
(458)

BAYPO



KPIE - ST PETE/
CLEARWATER INTL, ST.
PETERSBURG/
CLEARWATER, FL &
KTPA - TAMPA INTL,
TAMPA, FL
BAYPO SID 2 OF 2
1:500,000

TOWER
12-001591
(661)

TOWER
12-003103
(576)

CAMJO

SPRNG

WILON