Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR	Estimated Chart Date: 04/17/2025	APWS Task ID: F7F06827B39E4D589092BB42418423E8	APWS Project ID: AAE177B12CB1456D8640EC027DE44576
Procedure: STAR DADES TWO (RNAV) ST PETERSBURG-CLEARWATER FL KPIE		Enroute: YES	Specialist: Copeland, Guy		Agreement Number:
Airport ID: KPIE			Airport City: ST PETERSBURG-CLEARWATER		State: FL
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			

Procedure Comments:
CONTACT: ROBERT HAMILTON 405-954-4608

WAIVER: NO ALTITUDE RESTRICTION

Data as of: 10/11/2024 10:21:29 CDT

FIPC DME/DME FORM

PROCEDURE:	AIRPORT NAME:	AIRPORT ID:	SPECIAL CONTROL NO:
STAR DADES TWO (RNAV) ST PETERSBURG-	ST PETE-CLEARWATER INTL	KPIE	AG-12-189-24

FAC ID: DADES2	CITY: ST PETERSBURG-CLEARWATER	ST: FL	ORIG CHART DATE: 04/17/2025

DFL TYPE:	THIRD PARTY:	EST. TIME ON SITE:	REIMB. NUMBER:	PTS TASK ID:
PROC/D	☐ YES	0.5		F7F06827B39E4D589092BB42418423E8

PREFLIGHT NOTES

REVIEWER:	DATE:
COMMENTS:	CHECK ONE: ☐ FLT CK REQ ☐ NFCR ☐ REJECT

	YES	NO
CPV COMPLETE?	X	

PROCEDURE RESULTS

INSPECTION DATE:	CREW #:	N #:	INSTRUMENT PROCEDURE STATUS:	ARINC CODING:
01/17/2025	VN364		☒ SAT ☐ SAT W/CHANGES ☐ UNSAT	☒ SAT ☐ SAT/GOLD ☐ UNSAT

FLIGHT INSPECTOR SIGNATURE:	PRINTED NAME:	NOTAM INITIATED?
kevin riese @ 01/17/2025 07:18	RIESE, KEVIN JOHN	☐ YES ☒ NO

FLIGHT INSPECTOR REMARKS:
ADDED KSPG, KCLW, KTPF TO AIRPORTS SERVED. ADDITIONAL CHARTING NOTES UPDATED. TABLE TOP REVIEW.

DME/DME STATUS:	SPECIALIST SIGNATURE:	PRINTED NAME:
☐ SAT ☐ UNSAT		

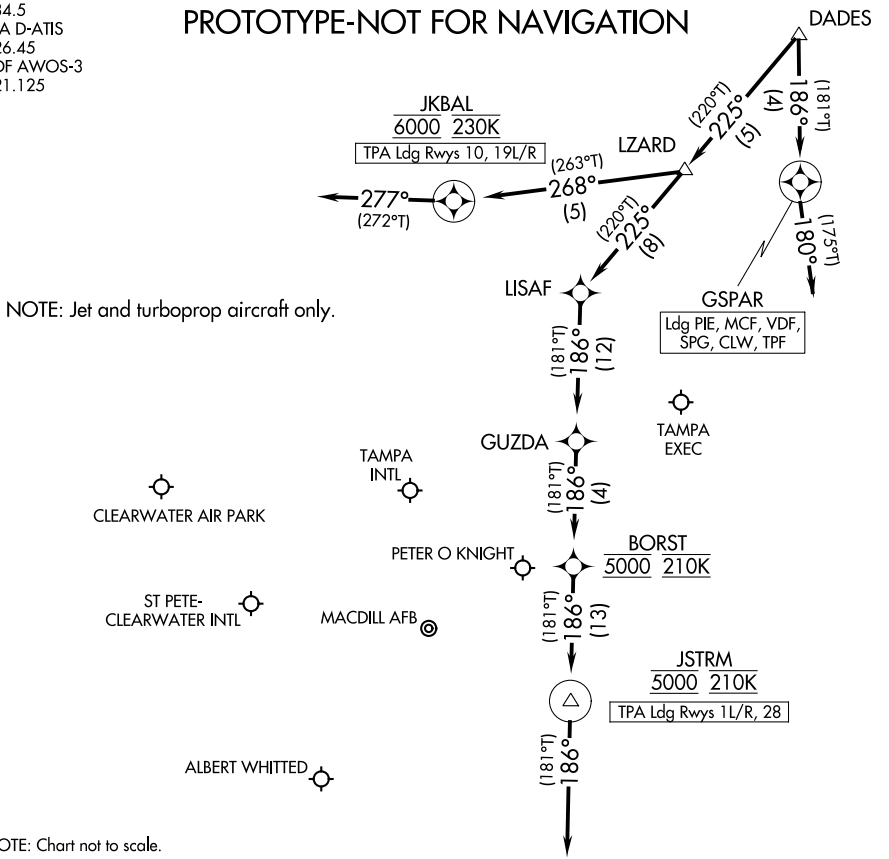
SPECIALIST REMARKS:

IN-FLIGHT OBSTACLE REPORT

OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:

TAMPA APP CON
135.5 279.6
KMCF ATIS
133.825 270.1
PIE ATIS
134.5
TPA D-ATIS
126.45
VDF AWOS-3
121.125

RNAV 1- DME/DME/IRU or GPS.
RADAR required.



ARRIVAL ROUTE DESCRIPTION

LANDING KTPA RUNWAYS 1L/R, 28: From DADES on track 225° to LZARD, then on track 225° to LISAF, then on track 186° to GUZDA, then on track 186° to cross BORST at 5000 and at 210K, then on track 186° to cross JSTRM at 5000 and at 210K, then on track 186°. Expect RADAR vectors to final approach course.
LANDING KTPA RUNWAYS 10, 19L/R: From DADES on track 225° to LZARD, then on track 268° to cross JKBAL at 6000 and at 230K, then on track 277°.
Expect RADAR vectors to final approach course.
LANDING PIE/CLW/MCF/SPG/TPF/VDF: From DADES on track 186° to GSPAR, then on track 180°. Expect RADAR vectors to final approach course.

DADES ONE ARRIVAL (RNAV) Transition Routes

(DADES.DADES1) 03NOV22

TAMPA, FLORIDA

DADES ONE ARRIVAL (RNAV) Transition Routes

(DADES.DADES1) 22307

OLD

AL-416 (FAA)

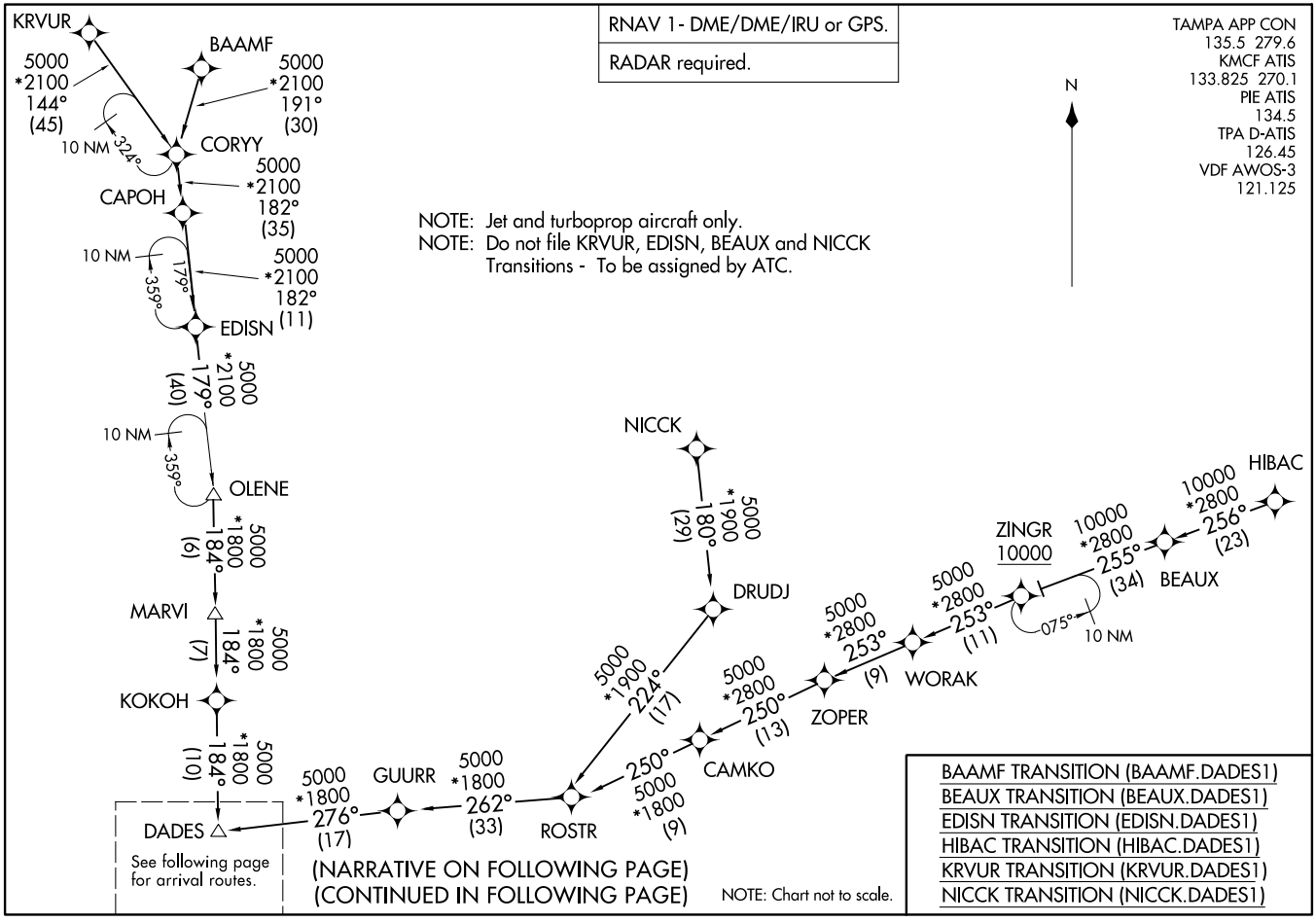
TAMPA, FLORIDA

RNAV 1- DME/DME/IRU or GPS.

RADAR required.

TAMPA APP CON
135.5 279.6
KMCF ATIS
133.825 270.1
PIE ATIS
134.5
TPA D-ATIS
126.45
VDF AWOS-3
121.125

NOTE: Jet and turboprop aircraft only.
NOTE: Do not file KRVUR, EDISN, BEAUX and NICCK Transitions - To be assigned by ATC.



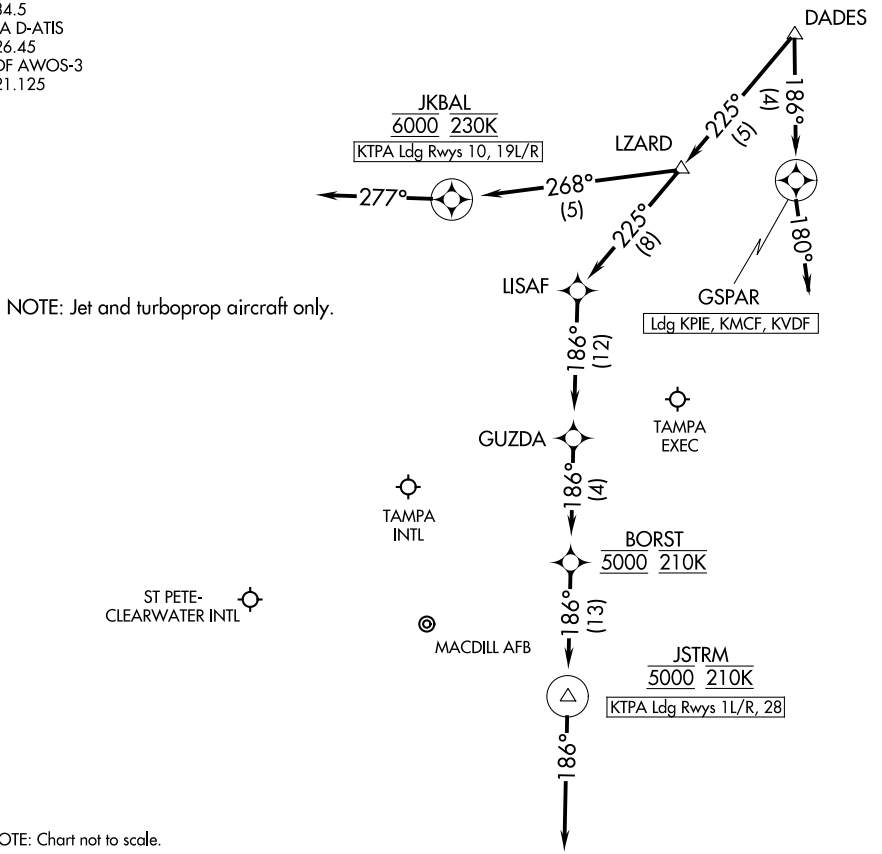
(NARRATIVE ON FOLLOWING PAGE)
(CONTINUED IN FOLLOWING PAGE)

NOTE: Chart not to scale.

BAAMF TRANSITION (BAAMF.DADES1)
BEAUX TRANSITION (BEAUX.DADES1)
EDISN TRANSITION (EDISN.DADES1)
HIBAC TRANSITION (HIBAC.DADES1)
KRVUR TRANSITION (KRVUR.DADES1)
NICCK TRANSITION (NICCK.DADES1)

TAMPA APP CON
135.5 279.6
KMCF ATIS
133.825 270.1
PIE ATIS
134.5
TPA D-ATIS
126.45
VDF AWOS-3
121.125

RNAV 1- DME/DME/IRU or GPS.
RADAR required.



ARRIVAL ROUTE DESCRIPTION

LANDING KTPA RUNWAYS 1L/R, 28: From DADES on track 225° to LZARD, then on track 225° to LISAF, then on track 186° to GUZDA, then on track 186° to cross BORST at 5000 and at 210K, then on track 186° to cross JSTRM at 5000 and at 210K, then on track 186°. Expect RADAR vectors to final approach course.
LANDING KTPA RUNWAYS 10, 19L/R: From DADES on track 225° to LZARD, then on track 268° to cross JKBAL at 6000 and at 230K, then on track 277°.
Expect RADAR vectors to final approach course.
LANDING KPIE/KMCF/KVDF: From DADES on track 186° to GSPAR, then on track 180°.
Expect RADAR vectors to final approach course.

SE-3, 03 NOV 2022 to 01 DEC 2022
SE-3, 03 NOV 2022 to 01 DEC 2022

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURE STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY
CONTROL NO.

1. FLIGHT PROCEDURE IDENTIFICATION:

St. Petersburg, Clearwater, Tampa, FL
St Pete-Clearwater INTL ((KPIE), Albert Whitted (SPG), Clearwater Air Park (KCLW), MacDill AFB (KMCF), Peter O Knight (KTPF), Tampa Exec (KVDF)
DADES (RNAV) STAR

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Per 8260.3G, Para. 2-2-7e. Common route and runway transitions. Establish a mandatory, minimum or block altitude restriction at a fix that represents the lowest altitude authorized by the STAR or STAR runway transition.

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

The DADES STAR, DADES-GSPAR Common Route serves multiple airports and runway configurations within Tampa International (KTPA) airspace and utilizes varying altitude restrictions to all airports based on dynamic traffic situations. Additionally, the procedure authorizes differing aircraft types, thus introducing different performance characteristics from one aircraft to another. The DADES STAR is not a descend via procedure and ATC will issue CROSS (FIX) AT AND MAINTAIN or DESCEND AND MAINTAIN clearances to control the flow of traffic.

Coding the procedure with an altitude on the common route that serves multiple airports with mixed aircraft types and differing performance characteristics will cause confusion and additional workload when the issued altitude is different from the coded restriction on the procedure. Coding two different altitudes on one procedure based on aircraft type is not allowed per design criteria.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

With RADAR required and ATC issuing a "CROSS (FIX) AT AND MAINTAIN" or "DESCEND AND MAINTAIN" clearance for all aircraft ensures the requirements are met. These altitudes provide obstacle clearance, communication, and navigable facility requirements for aircraft to utilize the procedure. When radio communications are in use, ATC will provide appropriate altitudes as specified in the ZMA/RSW Letter of Agreement and local SOP for separation, including obstacle clearance.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Consideration was given to designing the procedure with coded altitudes and deemed not feasible. Procedures with coded altitudes for different aircraft types or performance is not allowed within design criteria. Establishing coded altitudes on the STAR common route restricts ATC ability to dynamically assign altitudes based upon the traffic scenarios, differing aircraft performance characteristics, and airports of intended landing and creates pilot confusion and questions resulting in a significant workload increase for ATC and pilots.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

ZJX VOR MON Full Work Group
ESC OSG PBN Co-Leads
Jacksonville ARTCC (ZJX)
Tampa Approach Control (KTPA)
Southwest Airlines, Delta Airlines, American Airlines

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
			Digitally signed by ***ROBERT G HAMILTON*** Nov 26, 2024

8. AFS ACTIONS:

☐ **APPROVED** ☐ **DISAPPROVED** ☐ **NOT REQUIRED**

COMMENTS:

US Department of Transportation
Federal Aviation Administration

FLIGHT PROCEDURE STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY
CONTROL NO.

DATE	ROUTING SYMBOL	SIGNATURE

INFO ONLY

Federal Aviation Administration

Memorandum

Date: January 31, 2023

To: Instrument Flight Procedure Service Providers

From: Wade E.K. Terrell, Manager, Flight Procedures and Airspace Group

Subject: Waiver to FAA Order 8260.58C paragraph 1-2-5.c.(3), Maximum bank angle

Background: The Performance Based Navigation (PBN) Aviation Rulemaking Committee (PARC) made a recommendation that the FAA adjust the turn parameters used in PBN instrument flight procedure (IFP) design to reflect modern avionics values. The Flight Procedures and Airspace Group analyzed current avionics specifications with the help of several FAA offices and RTCA SC-227 to identify the new bank angles necessary for current IFP design. The Flight Procedures and Airspace Group then conducted an Operational Safety Review (OSR) for this amendment to bank angle criteria. The outcome of the OSR was that no new hazard is introduced into the National Aerospace System (NAS).

Purpose: This memorandum waives FAA Order 8260.58C, United States Standard for Performance Based Navigation (PBN) Instrument Procedure Design, paragraph 1-2-5.c.(3) and authorizes use of a maximum bank angle of 23 degrees above FL195 up to FL245 and a maximum bank angle of 16 degrees above FL245.

This waiver remains in effect until rescinded. No additional waiver request action is required. Please direct all inquiries to Thomas J. Nichols, Standards Section Manager, Flight Procedures and Airspace Group at 405-954-1171 or thomas.j.nichols@faa.gov

INFO ONLY

Federal Aviation Administration

Memorandum

Date: January 31, 202

To: Instrument Flight Procedures Service Providers

From: Eric S. Parker, Acting Manager, Flight Technologies and Procedures Division

Subject: Waiver to FAA Order 8260.3, United States Standard for Terminal Instrument Procedures (TERPS), STAR Termination Altitude

This memorandum waives the requirement of FAA Order 8260.3 paragraph 2-2-7.f(2) for Flight Standards approval when, due to an operational need, an altitude is not established at the termination fix on a STAR that does not join an approach.

Establishing an altitude at the termination fix on STAR that does not join an approach is beneficial for arrival descent planning purposes and is highly encouraged where practical. We recommend consulting Flight Standards, Flight Procedures and Airspace Group early in the design phase to assist in understanding how an altitude at a termination fix benefits operators.

No additional waiver request action is required. Please direct all inquiries to the Flight Procedures and Airspace Group, Standards Section (405) 954-1139 or 9-AWA-AVS-AFS420@faa.gov.

INFO ONLY

Federal Aviation Administration

Memorandum

Date: January 31, 2023

To: Instrument Flight Procedures Service Providers

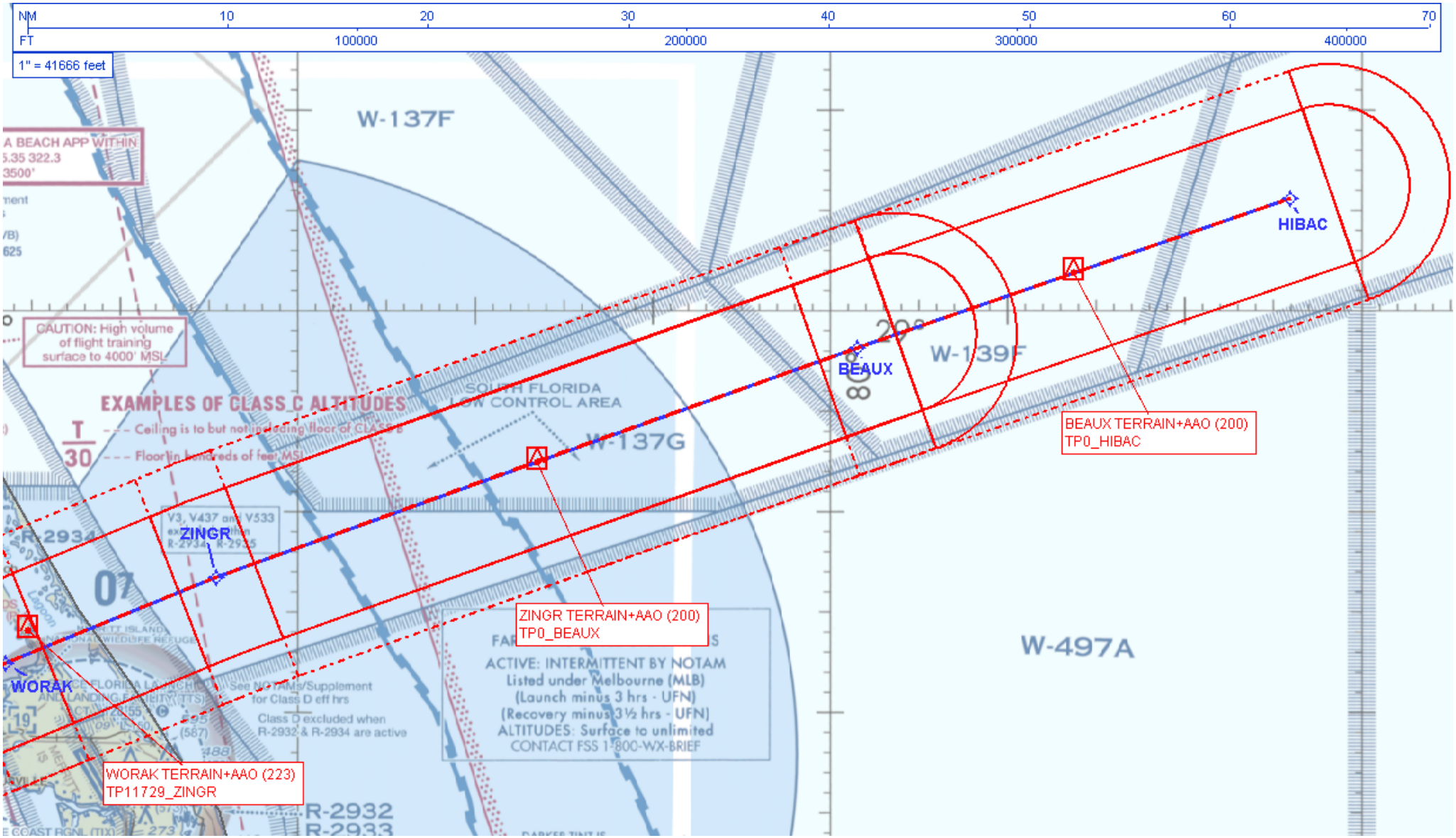
From: Eric S. Parker, Acting Manager, Flight Technologies and Procedures Division

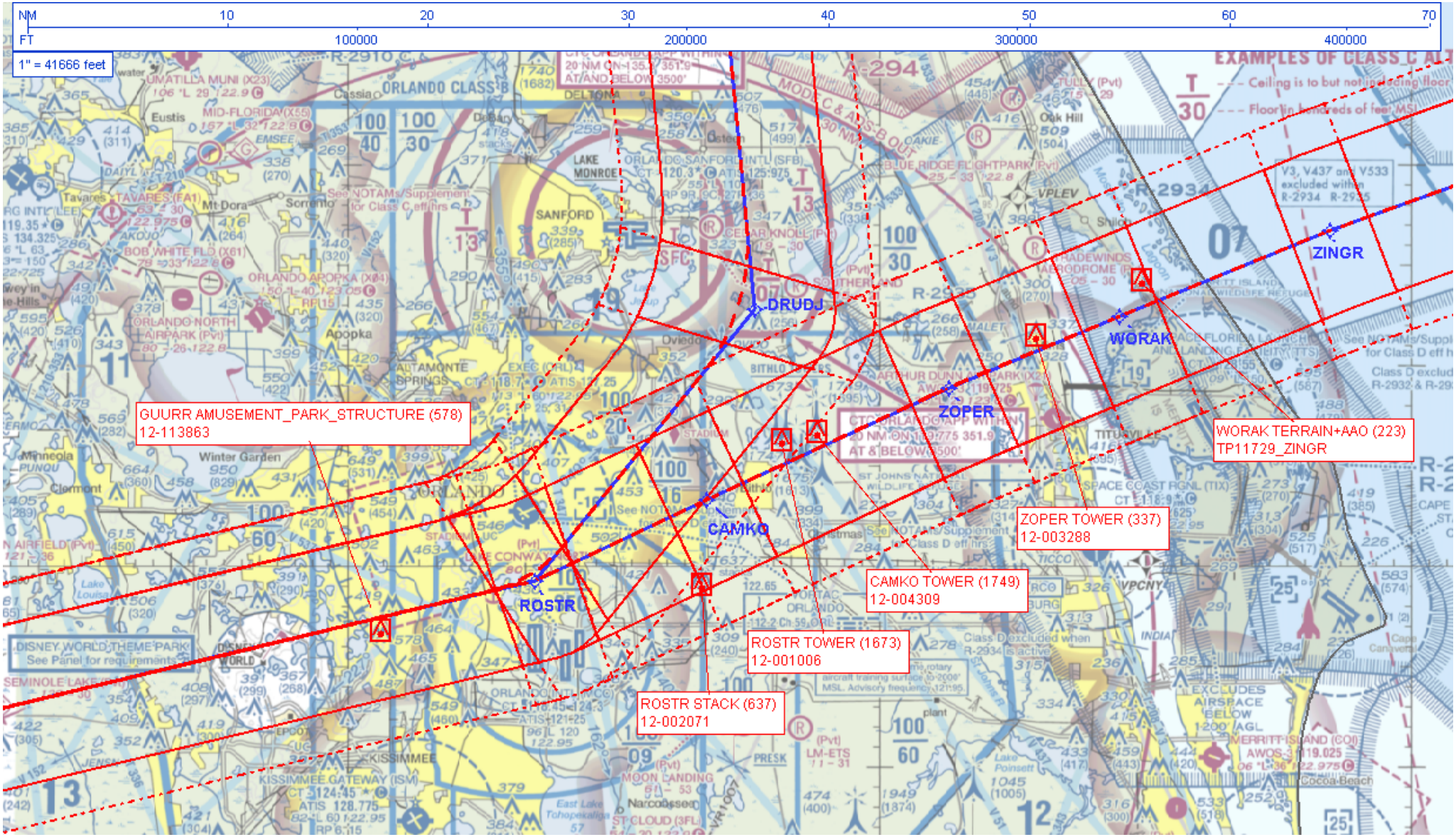
Subject: Waiver to FAA Order 8260.19, Flight Procedures and Airspace, STAR Termination Altitude

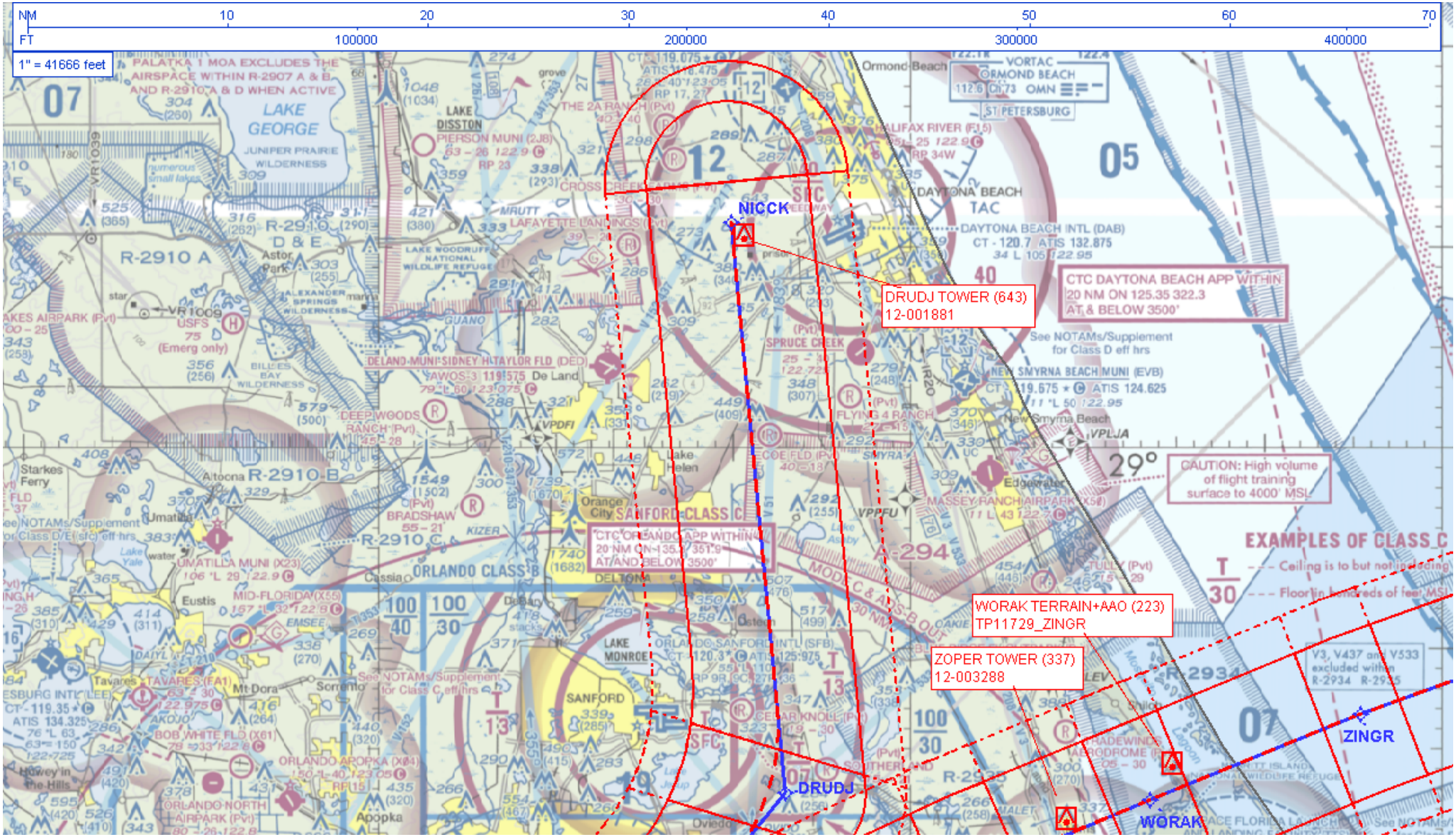
This memorandum waives the requirement of FAA Order 8260.19 paragraph 4-5-2.j for an altitude to be specified at the termination fix at the STAR termination point [see memo dated July 18, 2023, subject: Waiver to FAA Order 8260.3, paragraph 2-2-7.f(2)].

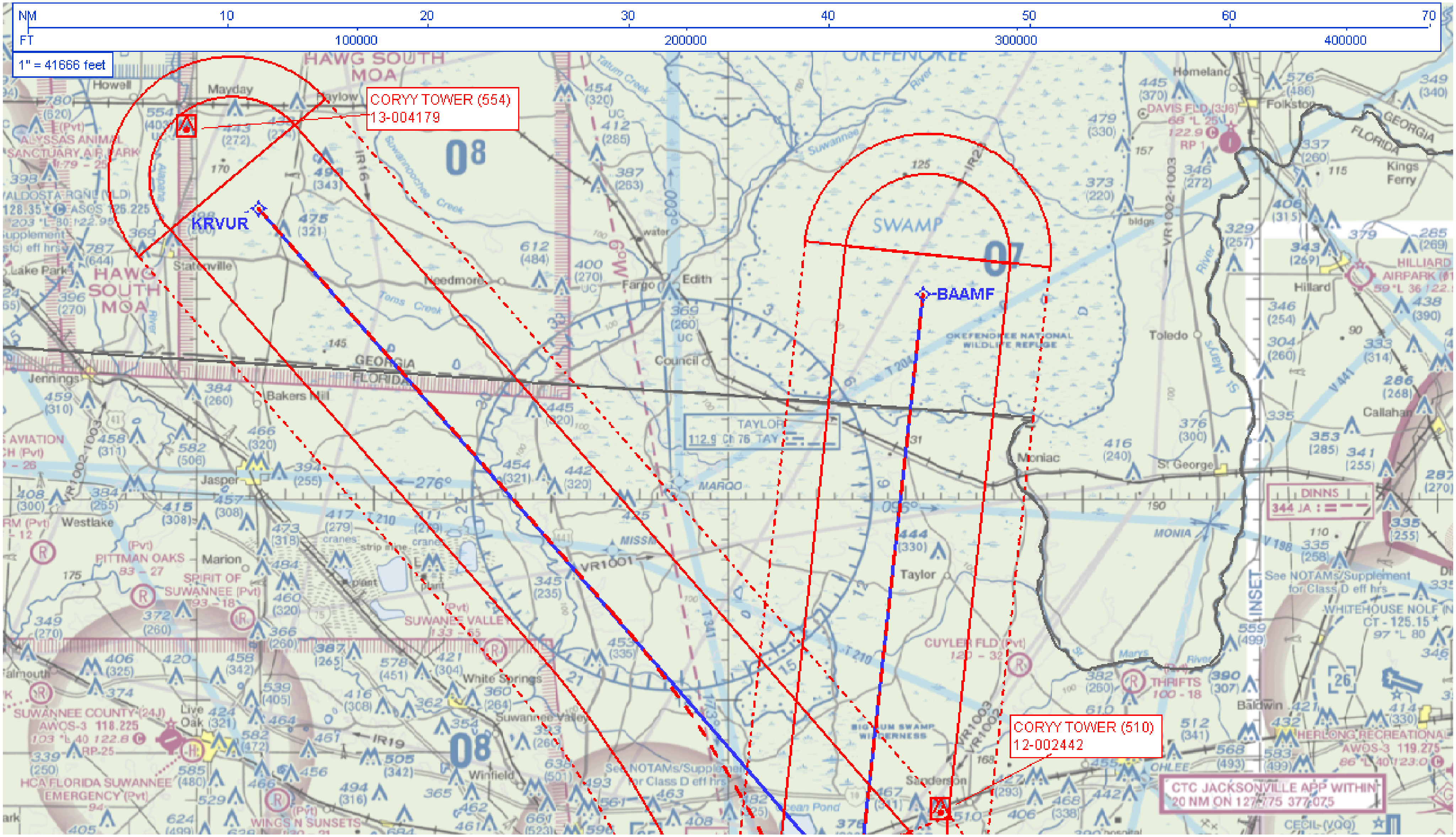
When no altitude is specified at that fix, the lowest altitude that will be assigned by air traffic control at the termination fix must be used for descent gradient and obstacle clearance calculations and noted in the Remarks section of Form 8260-17.1. Example: LOWEST ASSIGNED ATC ALTITUDE AT GIZMO, 3000.

No additional waiver request action is required. Please direct all inquiries to the Flight Procedures and Airspace, Standards Section (405) 954-1139 or 9-AWA-AVS-AFS420@faa.gov.

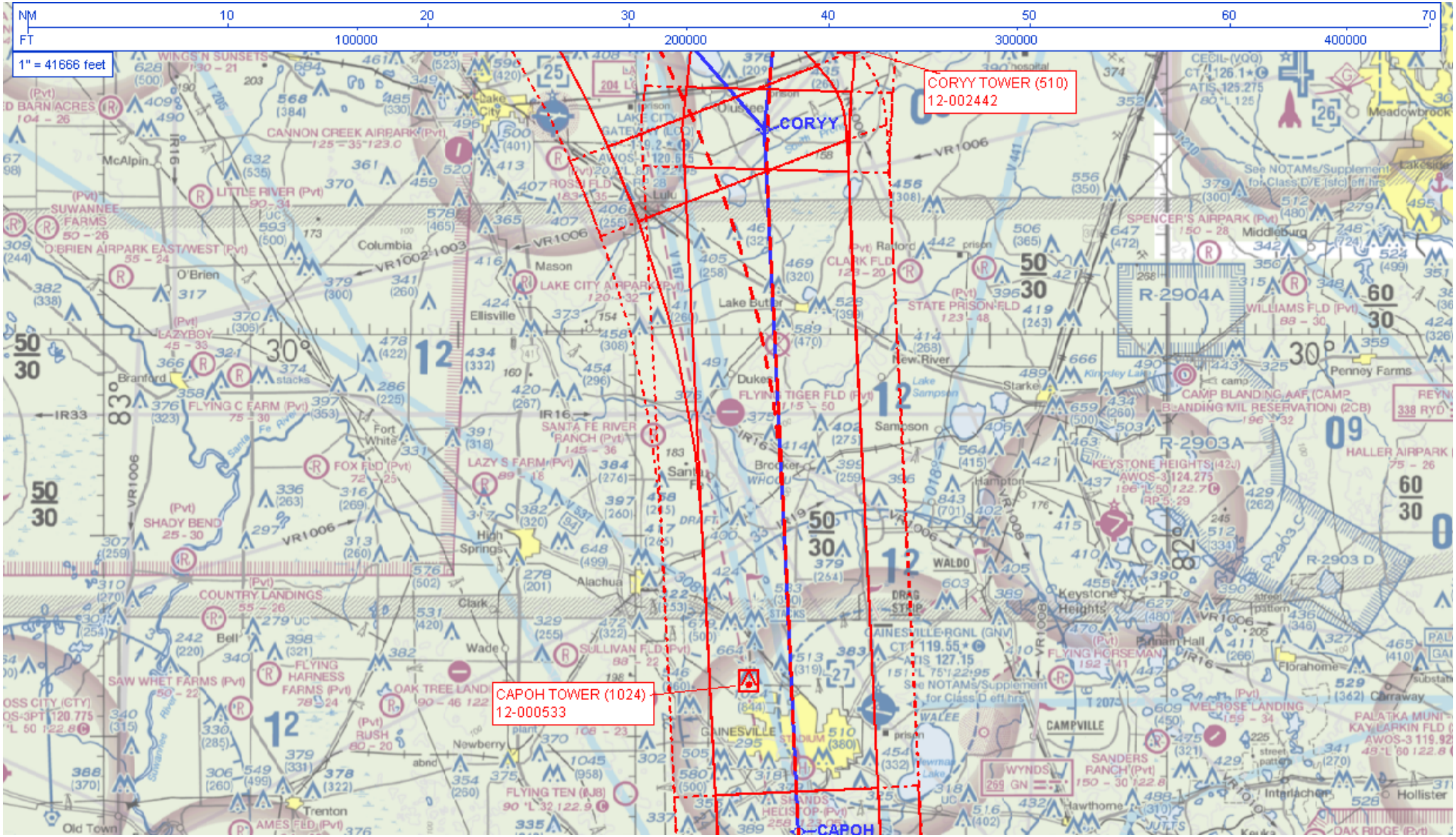

NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
W-137F
W-139F
W-137G
W-497A
HIBAC
BEAUX
ZINGR
WORAK
CAUTION: High volume of flight training surface to 4000' MSL
EXAMPLES OF CLASS C ALTITUDES
SOUTH FLORIDA LOW CONTROL AREA
ACTIVE: INTERMITTENT BY NOTAM
Listed under Melbourne (MLB)
(Launch minus 3 hrs - UFN)
(Recovery minus 3½ hrs - UFN)
ALTITUDES: Surface to unlimited
CONTACT FSS 1-800-WX-BRIEF
Class D excluded when R-2932 & R-2934 are active
R-2932
R-2933
R-2934
BEAUX TERRAIN+AAO (200)
TP0_HIBAC
ZINGR TERRAIN+AAO (200)
TP0_BEAUX
WORAK TERRAIN+AAO (223)
TP11729_ZINGR

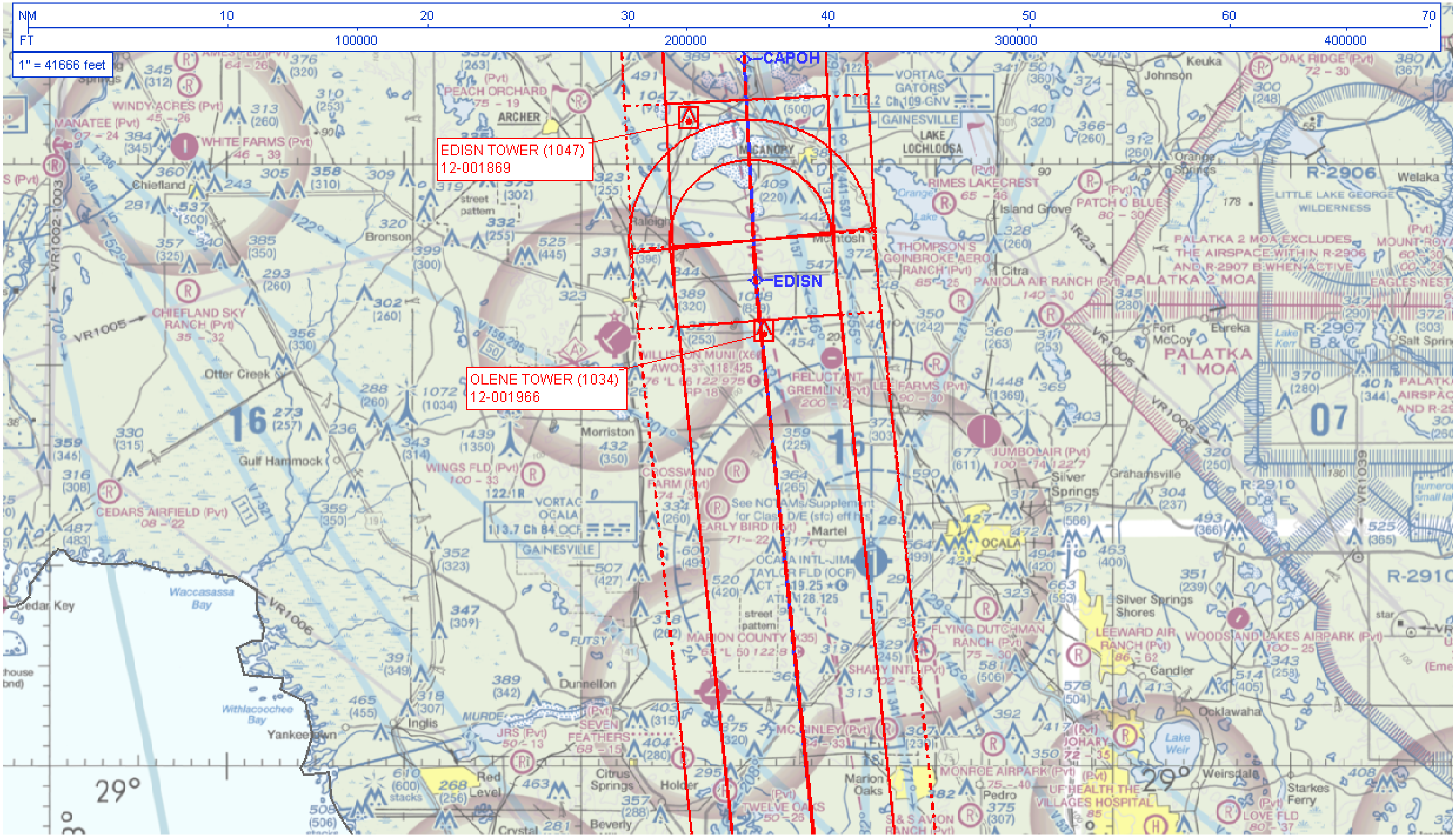

NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
DRUDJ
WORAK
ZINGR
ZOPER
CAMKO
ROSTR
GUURR AMUSEMENT_PARK_STRUCTURE (578)
12-113863
WORAK TERRAIN+AAO (223)
TP11729_ZINGR
ZOPER TOWER (337)
12-003288
CAMKO TOWER (1749)
12-004309
ROSTR TOWER (1673)
12-001006
ROSTR STACK (637)
12-002071
ORLANDO CLASS B
EXAMPLES OF CLASS C AIRSPACE
Ceiling is to but not including floor
Floor in hundreds of feet MSL
DISNEY WORLD THEME PARK
See Panel for requirements
EXCLUDES AIRSPACE BELOW 1200' AGL
Class D excluded when R-2934 is active


NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
NICCK
DRUDJ TOWER (643)
12-001881
CTC DAYTONA BEACH APP WITHIN
20 NM ON 125.35 322.3
AT & BELOW 3500'
CTC ORLANDO APP WITHIN
20 NM ON 135.35 351.9
AT AND BELOW 3500'
WORAK TERRAIN+AAO (223)
TP11729_ZINGR
ZOPER TOWER (337)
12-003288
DRUDJ
WORAK
ZINGR
CAUTION: High volume of flight training surface to 4000' MSL
EXAMPLES OF CLASS C
Ceiling is to but not including
Floor in hundreds of feet MSL
SANFORD CLASS C
ORLANDO CLASS B
DAYTONA BEACH TAC
DAYTONA BEACH INTL (DAB)
ORMOND BEACH VORTAC
NEW SMYRNA BEACH MUNI (EVB)
LAKE GEORGE
PALATKA 1 MOA EXCLUDES THE AIRSPACE WITHIN R-2907 A & B AND R-2910 A & D WHEN ACTIVE
R-2910 A
R-2910 B
R-2910 C
R-2910 D & E
R-2934
A-294
See NOTAMs/Supplement for Class D eff hrs
See NOTAMs/Supplement for Class C eff hrs
V3, V437 and V533 excluded within R-2934 R-2935

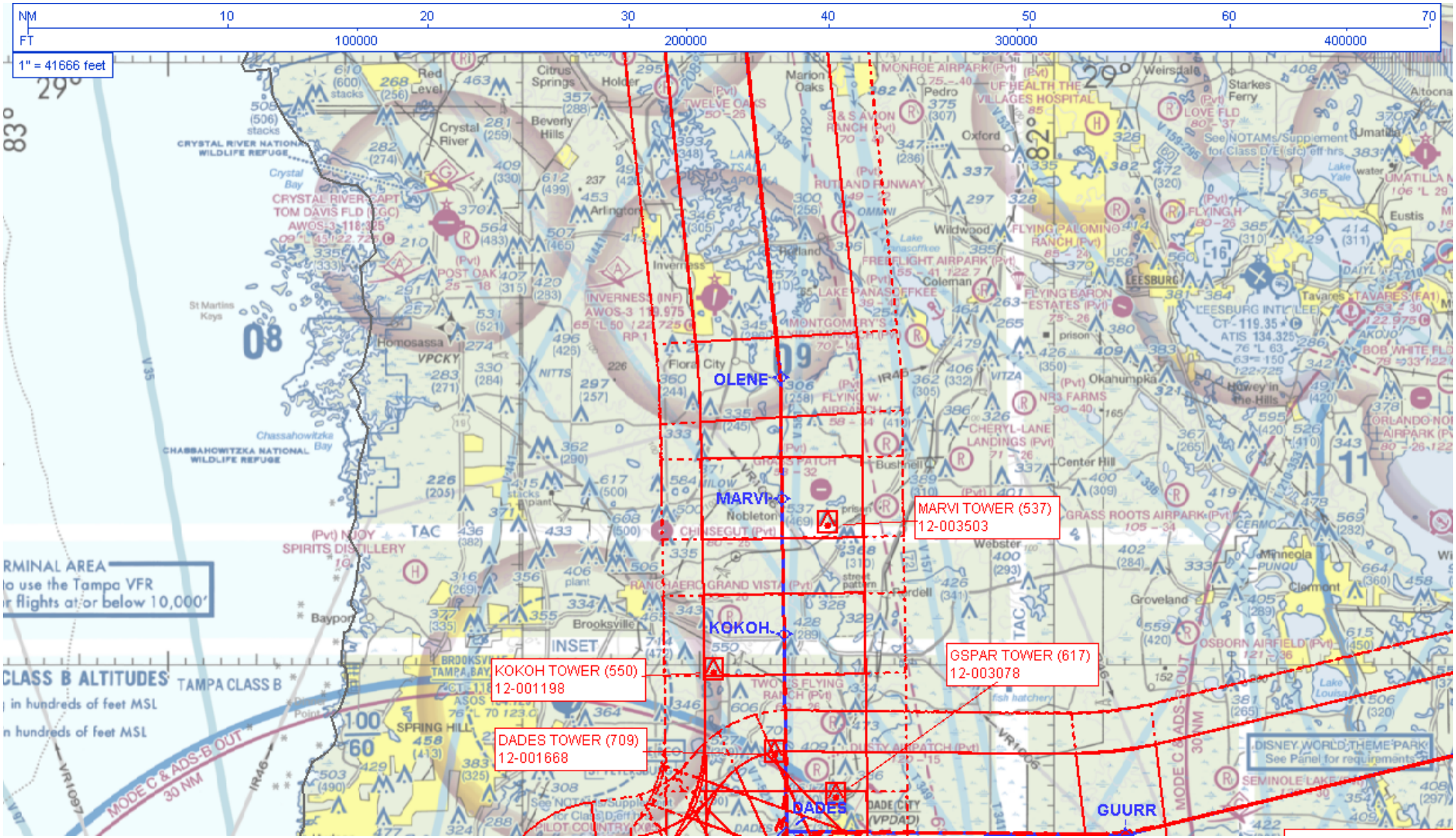

NM
10
20
30
40
50
60
70
FT
100000
200000
300000
400000
1" = 41666 feet
CORYY TOWER (554)
13-004179
KRVUR
BAAMF
CORYY TOWER (510)
12-002442

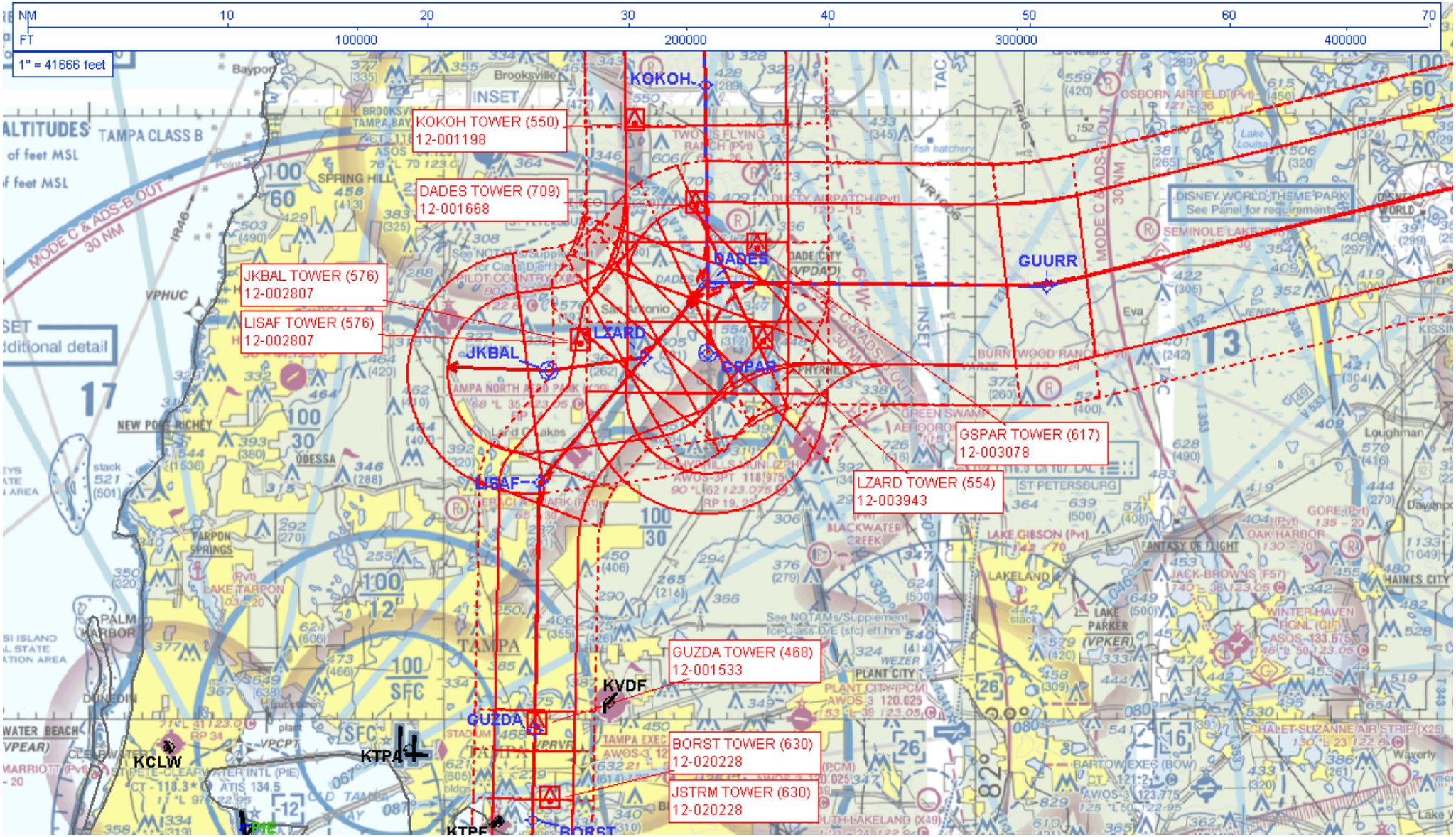
DADES (RNAV)

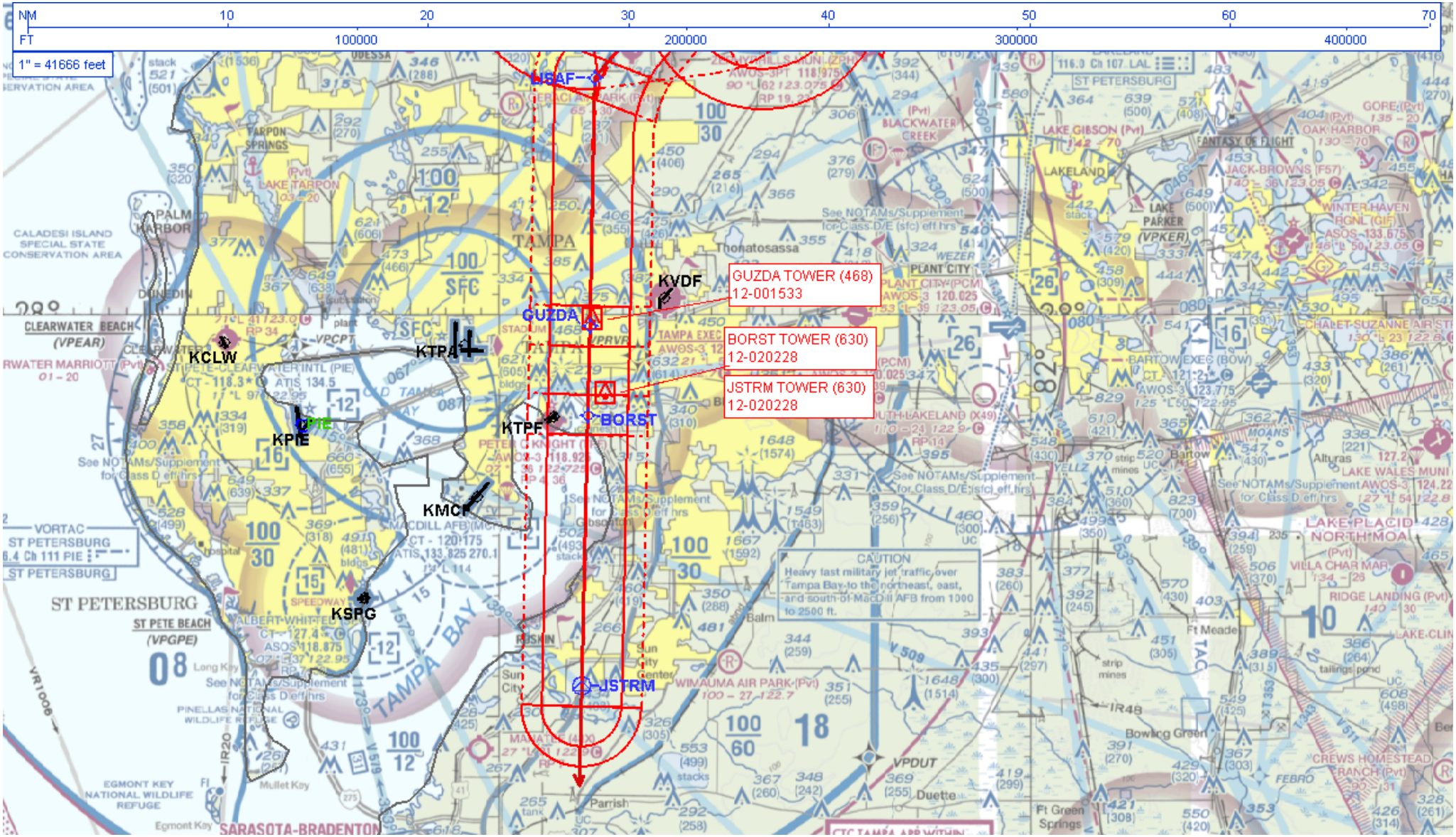

NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
CORYY TOWER (510)
12-002442
CORYY
CAPOH TOWER (1024)
12-000533
CAPOH


NM
10
20
30
40
50
60
70
FT
100000
200000
300000
400000
1" = 41666 feet
CAPOH
EDISN
EDISN TOWER (1047)
12-001869
OLENE TOWER (1034)
12-001966

DADES (RNAV)


NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
MARVI TOWER (537)
12-003503
KOKOH TOWER (550)
12-001198
GSPAR TOWER (617)
12-003078
DADES TOWER (709)
12-001668
OLENE
MARVI
KOKOH
DADES
GUURR
TAMPA CLASS B
CLASS B ALTITUDES
MODE C & ADS-B OUT
30 NM
INSET


NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
KOKOH TOWER (550)
12-001198
DADES TOWER (709)
12-001668
JKBAL TOWER (576)
12-002807
LISAF TOWER (576)
12-002807
GSPAR TOWER (617)
12-003078
LZARD TOWER (554)
12-003943
GUZDA TOWER (468)
12-001533
BORST TOWER (630)
12-020228
JSTRM TOWER (630)
12-020228
KOKOH
DADES
GUURR
LZARD
JKBAL
GSPAR
LISAF
GUZDA
BORST
KVDF
KCLW
KTPA
KTPF
KPIE
VPHUC
TAMPA CLASS B
MODE C & ADS-B OUT
30 NM
INSET
TAMPA
ST PETERSBURG
LAKELAND
PLANT CITY
DISNEY WORLD THEME PARK
See Panel for requirements


NM 10 20 30 40 50 60 70
FT 100000 200000 300000 400000
1" = 41666 feet
USAF
KVDF
GUZDA
GUZDA TOWER (468)
12-001533
BORST TOWER (630)
12-020228
JSTRM TOWER (630)
12-020228
BORST
JSTRM
KTPA
KCLW
KPIE
KTPF
KMCF
KSPG
TAMPA
ST PETERSBURG
CLEARWATER BEACH (VPEAR)
ST PETE BEACH (VPGPE)
VORTAC ST PETERSBURG 114.4 Ch 111 PIE
CAUTION
Heavy fast military jet traffic over Tampa Bay to the northeast, east, and south of MacDill AFB from 1000 to 2500 ft.
TAMPA BAY
SARASOTA-BRADENTON
VPDUT

NM
FT
11
22
33
44
100000
200000
300000
1" = 41666 feet
CORYY HP TOWER (661)
12-001591
CORYY
BAAMF
OKEFENOKEE NATIONAL WILDLIFE REFUGE
SWAMP
GEORGIA
FLORIDA
TAYLOR
112.9 Ch 76 TAY
MARQO
MISSM
MONIA
DINNS
344 JA
Needmore
Fargo
Edith
Council
Moniac
St George
Toledo
Hillard
Taylor
Sanderson
Mac Clenny
Baldwin
White Springs
Suwannee Valley
Winfield
Lake City
Olustee
Lulu
Columbia
Mason
Ellisville
Lake Butler
Raiford
Dukes
New River
Starke
Sampson
Brooker
Hampton
Santa Fe
High Springs
Alachua
Clark
Wade
Keystone Heights
Fort White
BIG GUM SWAMP WILDERNESS
Ocean Pond
See NOTAMs/Supplement for Class D eff hrs
LAKE CITY GATEWAY (LCQ)
CT - 119.2
AWOS-3 120.675
ROSSI FLD
CUYLER FLD (Pvt)
THRIFTS
SUWANEE VALLEY
CANNON CREEK AIRPARK (Pvt)
LAKE CITY AIRPARK (Pvt)
CLARK FLD
STATE PRISON FLD
FLYING TIGER FLD (Pvt)
SANTA FE RIVER RANCH (Pvt)
LAZY S FARM (Pvt)
FOX FLD (Pvt)
SULLIVAN FLD (Pvt)
OAK TREE LANDING (6J8)
FLYING HARNESS FARMS (Pvt)
GAINESVILLE RGNL (GNV)
CT - 119.55
ATIS 127.15
FLYING HORSEMAN
KEYSTONE HEIGHTS (42J)
AWOS-3 124.275
CAMP BLANDING MIL RESE
SPENCER'S AIRPARK (Pvt)
CECIL (VQQ)
CT - 126.1
ATIS 125.275
CTC JACKSONVILLE APP WITHIN 20 NM ON 127.775 377.075
R-2904A
R-2903A
VR1001
VR1002-1003
VR1006
VR1008
IR16
IR19
IR23
V 441
V 157
V 537
T 204
T 210
276°
096°
003°
173°
308°
DRAG STRIP
hospital complex
prison
WALDO


NM
11
22
33
44
FT
100000
200000
300000
1" = 41666 feet
EDISN HP TOWER (1047)
12-001869
EDISN
LAKE CITY AIRPARK (Pvt)
Lake Butler
STATE PRISON FLD
R-2904A
Ellisville
New River
Dukes
FLYING TIGER FLD (Pvt)
Starke
Sampson
CAMP BLANDING MIL
SANTA FE RIVER RANCH (Pvt)
Fort White
FOX FLD (Pvt)
LAZY S FARM (Pvt)
Santa Fe
Brooker
R-2903A
KEYSTONE HEIGHTS (42J)
AWOS-3 124.275
Hampton
High Springs
WALDO
Alachua
DRAG STRIP
Keystone Heights
Clark
STACKS
GAINESVILLE RGNL (GNV)
CT - 119.55
ATIS 127.15
See NOTAMs/Supplement for Class D eff hrs
Wade
SULLIVAN FLD (Pvt)
Putnam Hall
FLYING HORSEMAN (Pvt)
FLYING HARNESS FARMS (Pvt)
OAK TREE LANDING (6J8)
LINK FLD (Pvt)
GAINESVILLE
STADIUM
CAMPVILLE
MELROSE
RUSH
Newberry
SANDERS RANCH (Pvt)
WYNDS
Trenton
FLYING TEN (0J8)
SHANDS HELISTOP (Pvt)
Hawthorne
AMES FLD (Pvt)
PEACH ORCHARD (Pvt)
ARCHER
VORTAC GATORS
116.2 Ch 109 GNV
GAINESVILLE
Johnson
WHITE FARMS (Pvt)
MICANOPY
LAKE LOCHLOOSA
RIMES LAKECREST (Pvt)
PATCH O BLUE (Pvt)
Island Grove
Bronson
Raleigh
McIntosh
THOMPSON'S GOINBROKE AERO RANCH (Pvt)
Citra
PANIOLA AIR RANCH (Pvt)
PALATKA
HIEFLAND SKY RANCH (Pvt)
Fort McCoy
WILLISTON MUNI (X60)
AWOS-3 118.425
RELUCTANT GREMLIN (Pvt)
LEE FARMS (Pvt)
Otter Creek
Morriston
JUMBOLAIR (Pvt)
Gulf Hammock
WINGS FLD (Pvt)
CROSSWIND FARM (Pvt)
Silver Springs
Grahamsville
VORTAC OCALA
113.7 Ch 84 OCF
GAINESVILLE
EARLY BIRD (Pvt)
See NOTAMs/Supplement for Class D/E (sfc) eff hrs
Martel
OCALA
OCALA INTL-JIM TAYLOR FLD (OCF)
CT - 119.25
ATIS 128.125
Waccasassa Bay
Silver Springs Shores
MARION COUNTY (X35)
FLYING DUTCHMAN RANCH (Pvt)
LEEWARD AIR RANCH (Pvt)
SHADY INTL (Pvt)
Dunnellon
Candler
Withlacoochee Bay
Inglis
Yankeetown
JRS (Pvt)
SEVEN FEATHERS
MC GINLEY (Pvt)
JOHARY (Pvt)
MONROE AIRPARK (Pvt)
Red Level
Citrus Springs
Holder
Marion Oaks
Pedro
UF HEALTH THE VILLAGES HOSPITAL
TWELVE OAKS
S & S AVION RANCH (Pvt)
Crystal River
Beverly Hills
Oxford
CRYSTAL RIVER NATIONAL


OLENE HP TOWER (612)
12-002913
OLENE
EDISN
INSET


NM 11 22 33 44
FT 100000 200000 300000
1" = 41666 feet
70 --- Ceiling in hundreds of feet MSL
30 --- Floor in hundreds of feet MSL
W-137F
W-137G
SOUTH FLORIDA LOW CONTROL AREA
EXAMPLES OF CLASS C ALTITUDES
T 70 --- Ceiling is to but not including floor of CLASS B
30 --- Floor in hundreds of feet MSL
CTC DAYTONA BEACH APP WITHIN 20 NM ON 125.35 322.3 AT & BELOW 3500'
See NOTAMs/Supplement for Class D eff hrs
NEW SMYRNA BEACH MUNI (EVB)
CT 119.675 ATIS 124.625
CAUTION: High volume of flight training surface to 4000' MSL
V3, V437 and V533 excluded within R-2934 R-2935
R-2934
ZINGR
ZINGR HP TOWER (595) 12-190962
KENNEDY SPACE CENTER
FAR 91.143 SPACE OPERATIONS
ACTIVE: INTERMITTENT BY NOTAM
Listed under Melbourne (MLB)
(Launch minus 3 hrs - UFN)
(Recovery minus 3½ hrs - UFN)
ALTITUDES: Surface to unlimited
CONTACT FSS 1-800-WX-BRIEF
SPACE FLORIDA LAUNCH AND LANDING FACILITY (TTS)
CT 128.55
Class D excluded when R-2932 & R-2934 are active
R-2932
R-2933
CAPE CANAVERAL SPACE FORCE STATION SKID STRIP (XMR)
CT 118.625* 143.15*
ASOS 119.325
DARKER TINT IS FAR 91.143 AREA
SPACE COAST RGNL (TIX)
CT 118.9*
ATIS 120.625
TITUSVILLE
TITUSVILLE RCO
ST PETERSBURG
VPCNY
CAUTION: If R-2933, 2934 or 2935 are activated, portions of W-497A or 497B may contain flying rockets or falling debris. Request status of Warning Areas if briefed that R-2933, 2934 or 2935 are activated.
Contact Miami RADIO for Class D eff hrs
Class D excluded when R-2934 is active
EXCLUDES AIRSPACE BELOW 1200' AGL
MERRITT ISLAND (COI)
AWOS-3 119.025
Cocoa Beach
Cape Canaveral
2700 MSL
1300 MSL
CONTIGUO
DAYTONA BEACH INTL (DAB)
CT 120.7 ATIS 132.875
ORMOND BEACH VORTAC 122.4
ST PETERSBURG
New Smyrna Beach
Edgewater
TULLY (Pvt)
Oak Hill
TRADEWINDS AERODROME (Pvt)
Mims
TAC