

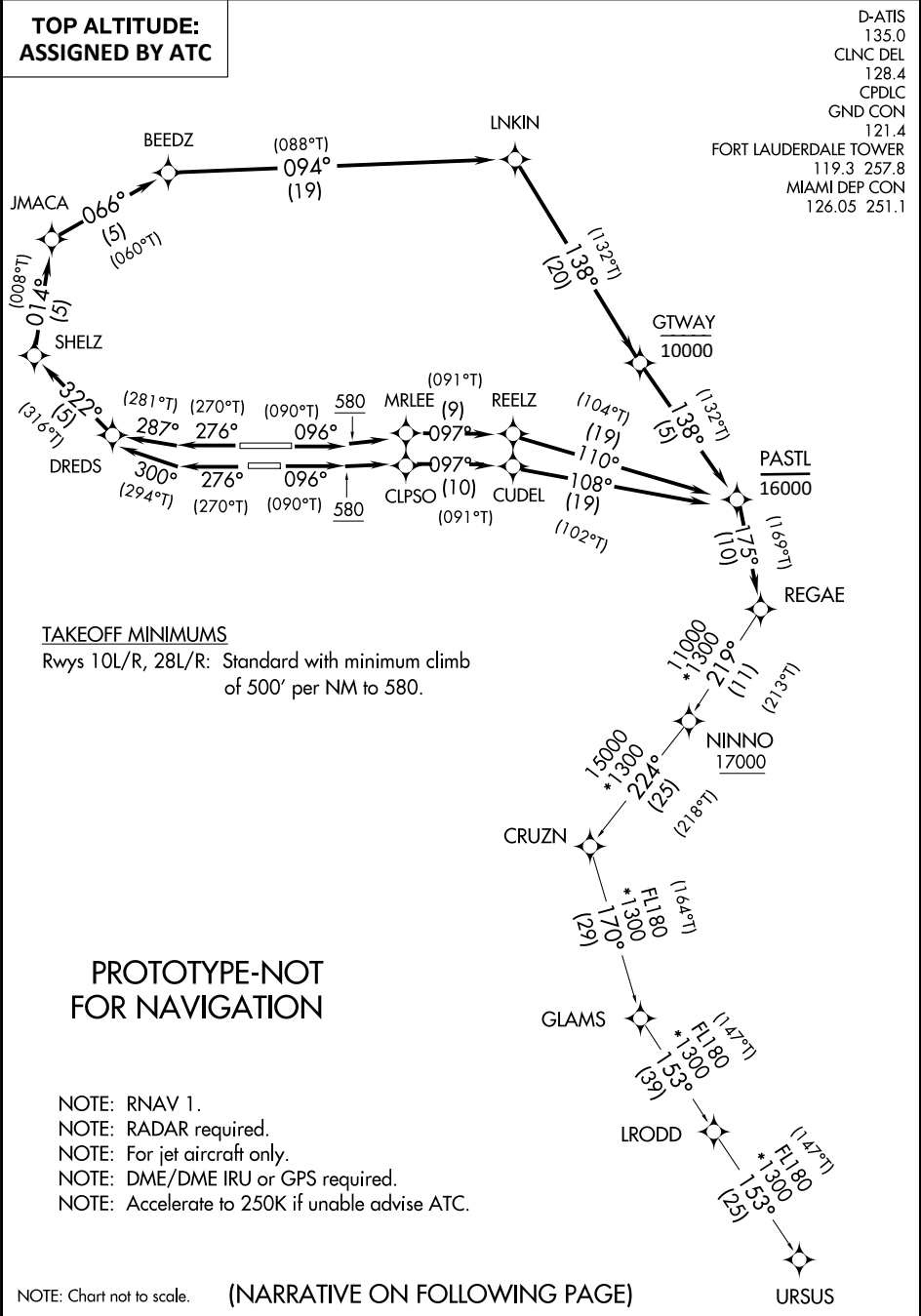
Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 08/12/2021	APWS Task ID: 2CE31AC187644946AFC067E1C4E674C6	APWS Project ID: A0B47CA7231C499FBF4C8E1788AF61B9
Procedure: KFLI SID REGAE ONE RNAV		Enroute: YES	Specialist: Gracey, Dean		Agreement Number:
Airport ID: KFLI			Airport City: FORT LAUDERDALE		State: FL
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<p>Procedure Comments: ACTIVE AIRPORT DATA USED. WAIVER FOR OMISSION OF TARGETS OBS EVAL ON RWY 28L - 8260.58B PARA 1-2-5. FL - METROPLEX</p> <p>CONTACT ALLAN WILL AJV-A423 (405) 954-6103.</p> <p>06/11/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/08/2021. 1. DP ROUTE DESCRIPTION: CHANGED "MAINTAIN FL230" TO "MAINTAIN ATC ASSIGNED ALTITUDE" - PER ATC REQUEST. 2. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART: TOP ALTITUDE: FL230" TO "CHART: TOP ALTITUDE: ASSIGNED BY ATC" - PER ATC REQUEST.</p> <p>8260-15B: 06/28/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/17/2021. 1. REMARKS: ADDED, "CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP".</p>					



FIPC DME/DME FORM								
PROCEDURE: KFLI SID REGAE ONE RNAV			AIRPORT NAME: FORT LAUDERDALE/HOLLYWOOD		AIRPORT ID: KFLI	SPECIAL CONTROL NO: AG-05-134-21		
FAC ID: REGEA1		CITY: FORT LAUDERDALE			ST: FL	ORIG CHART DATE: 08/12/2021		
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER: AC0683		PTS TASK ID:			
PREFLIGHT NOTES								
REVIEWER:					DATE:			
COMMENTS:					CHECK ONE: <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT			
							YES	NO
					CPV COMPLETE?		X	
PROCEDURE RESULTS								
INSPECTION DATE: 05/26/2021		CREW #: VN327	N #: N87	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: jeffrey eckman @ 05/26/2021 18:00			PRINTED NAME: ECKMAN, JEFFREY ALAN				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: david c-ctr cook @ 06/02/2021 16:11			PRINTED NAME: Dave Cook			
SPECIALIST REMARKS: Post Flight DME/DME Analysis has been performed on the portions of the KMIA SNDBR STAR that support DME/DME/IRU operations. All DME's were found as modeled and coverage is satisfactory for DME/DME/IRU operations. DHP & ZBV are critical DME.								
IN-FLIGHT OBSTACLE REPORT								
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:	

FIPC DME/DME FORM						
PROCEDURE: KFLI SID REGAE ONE RNAV			AIRPORT NAME: FORT LAUDERDALE/HOLLYWOOD		AIRPORT ID: KFLI	SPECIAL CONTROL NO: AG-05-134-21
FAC ID: REGEA1		CITY: FORT LAUDERDALE			ST: FL	ORIG CHART DATE: 08/12/2021
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER: AC0683	PTS TASK ID:		
PREFLIGHT NOTES						
REVIEWER:					DATE:	
COMMENTS:					CHECK ONE: <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT <div style="display: flex; justify-content: space-between; border-top: 1px solid black; border-bottom: 1px solid black; width: 100%;"> YES NO </div>	
					CPV COMPLETE? <input checked="" type="checkbox"/> X	
PROCEDURE RESULTS						
INSPECTION DATE: 05/26/2021	CREW #: VN327	N #: N87	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: jeffrey eckman @ 05/26/2021 18:00			PRINTED NAME: ECKMAN, JEFFREY ALAN			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: david c-ctr cook @ 06/02/2021 16:11			PRINTED NAME: Dave Cook	
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REVIEWER:					DATE:	
COMMENTS:					CHECK ONE: <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
					YES	NO
					CPV COMPLETE? <input checked="" type="checkbox"/> X <input type="checkbox"/>	
PROCEDURE RESULTS						
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FLIGHT INSPECTOR REMARKS:						
DME/DME STATUS: <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT	SPECIALIST SIGNATURE:				PRINTED NAME:	
SPECIALIST REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		





DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 10L: Climb heading 096° to 580, then climb direct MRLEE, then on track 097°to REELZ, then on track 110° to cross PASTL at or below 16000, thence. . . .

TAKEOFF RWY 10R: Climb heading 096° to 580, then climb direct CLPSO, then on track 097° to CUDEL, then on track 108° to cross PASTL at or below 16000, thence. . . .

TAKEOFF RWY 28L: Climb heading 276° to intercept course 300° to DREDS, then on track 322° to SHELZ, then on track 014° to JMACA, then on track 066° to BEEDZ, then on track 094° to LNKIN, then on track 138° to cross GTWAY at or below 10000, then on track 138° to cross PASTL at or below 16000, thence. . . .

TAKEOFF RWY 28R: Climb heading 276° to intercept course 287° to DREDS, then on track 322° to SHELZ, then on track 014° to JMACA, then on track 066° to BEEDZ, then on track 094° to LNKIN, then on track 138° to cross GTWAY at or below 10000, then on track 138° to cross PASTL at or below 16000, thence. . . .

. . . .on track 175° to REGAE maintain ATC assigned altitude. Expect clearance to filed altitude 10 minutes after departure.

URSUS TRANSITION (REGAE1.URSUS):

PROTOTYPE-NOT
FOR NAVIGATION

1. FLIGHT PROCEDURE IDENTIFICATION:

Ft. Lauderdale, FL
Ft. Lauderdale-Hollywood INTL (KFL)
REGAE ONE DEPARTURE (RNAV)

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Waiver requirement to utilize the departure sector criteria to evaluate REGAE ONE DEPARTURE (RNAV) SID, KFL RWY 28L for obstacles. FAA Order 8260.58B, United States Standard for Performance Based Navigation (PBN) Instrument Procedure Design, Paragraph 5-3-1a(1)(b). Turn following VI Leg.

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

TARGETS defines the following run error message when the VI-CF leg on RWY 28L is evaluated for obstacles; "CEW26: The OEA for the leg from CF to DREDS in the route beginning at RW28L and ending at URSUS could not be constructed." MITRE has stated that this is an issue with TARGETS. AJV-A does not have a work around for this error.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

1. An obstacle assessment was completed using departure sector criteria. The sector evaluated encompassed the OEA for the VI-CF leg. No 40:1 obstacle penetrations were identified using the sector criteria.
2. Flight inspection has completed a satisfactory flight validation.
3. Once MITRE has identified the issue and fixed it the procedure will be reevaluated using TARGETS.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Changes to the lateral path(including speed and altitude) introduce a new environmental assessment and coordination with Broward County Aviation Department (BCAD) and their Community Noise Groups. These delays are not acceptable to ATC.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

Eastern Service Area PBN FAA and NATCA leads.
FLL ATCT
MIA Approach Control
American Airlines

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE
04/28/21	AJV-E22	Florida Metroplex Co-Lead

SIGNATURE



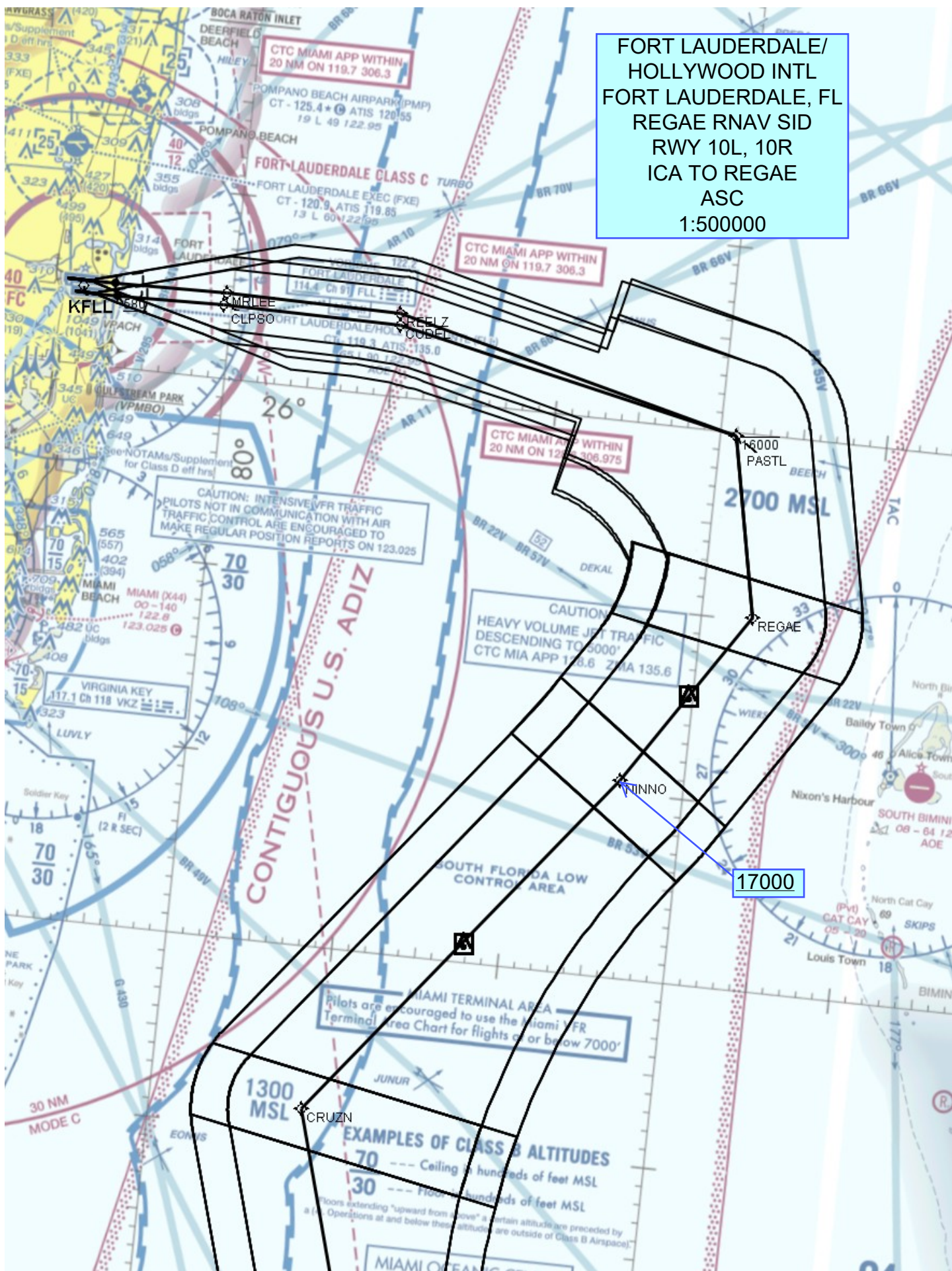
8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

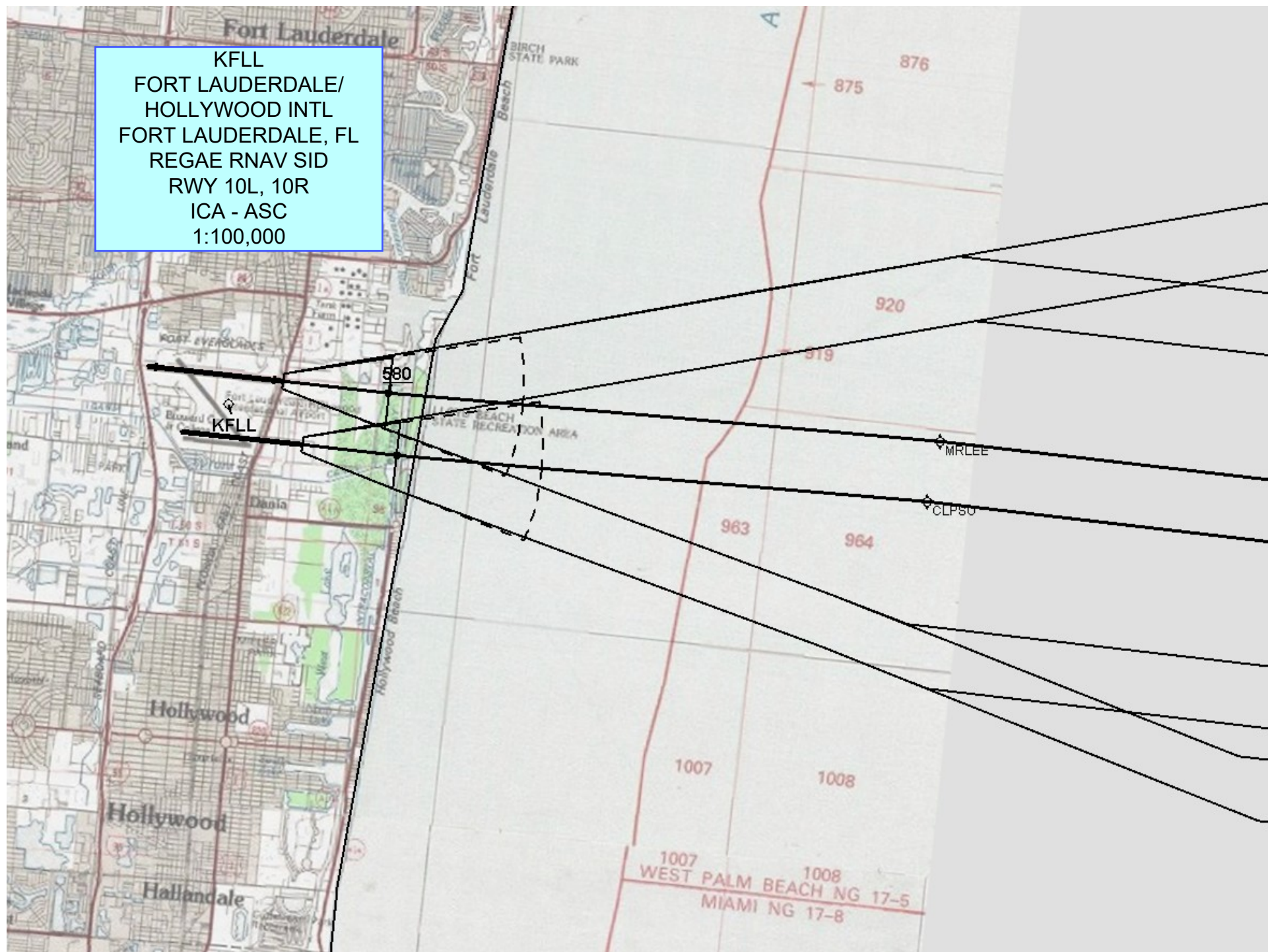
COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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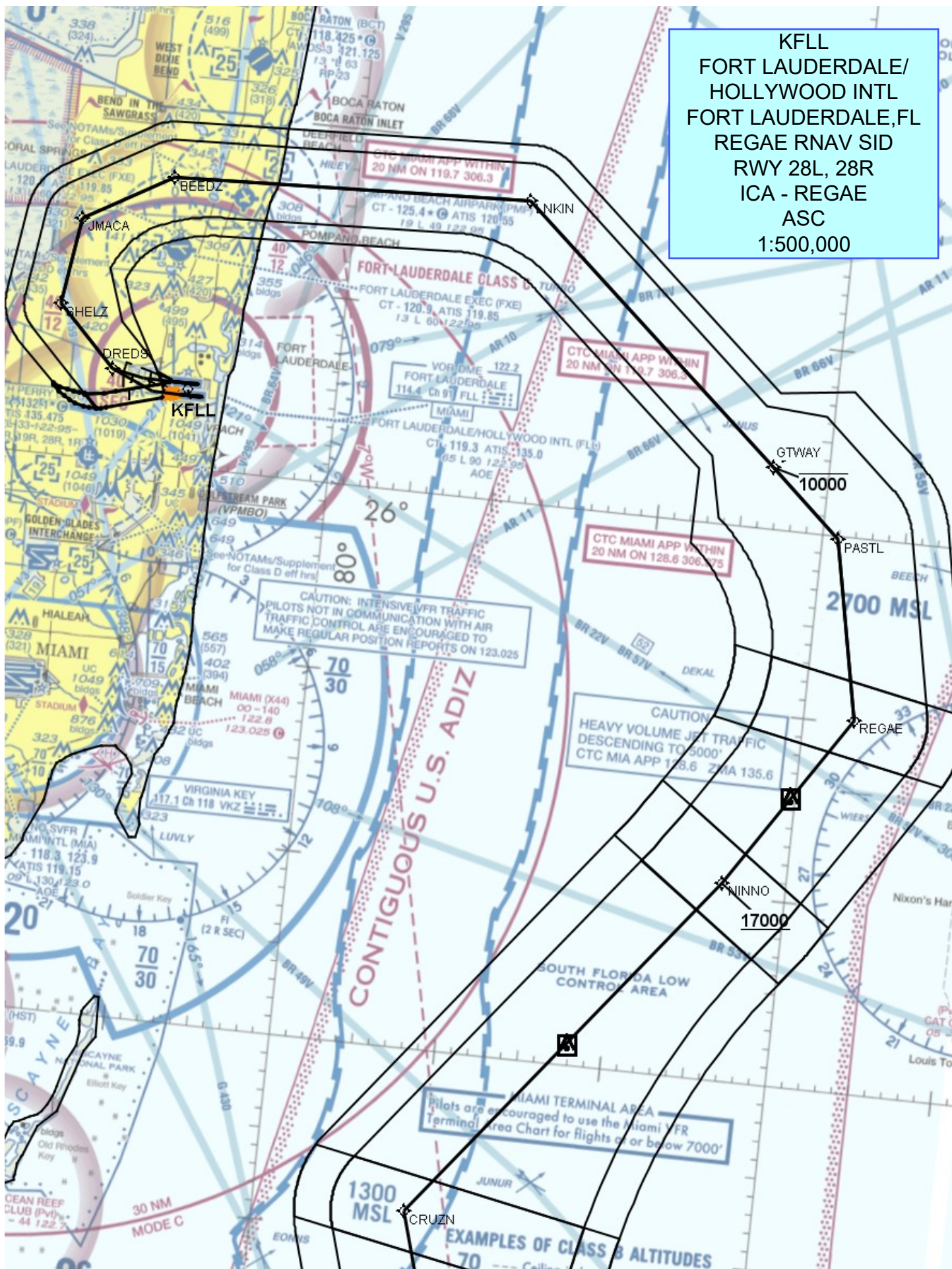
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
RWY 10L, 10R
ICA TO REGAE
ASC
1:500000



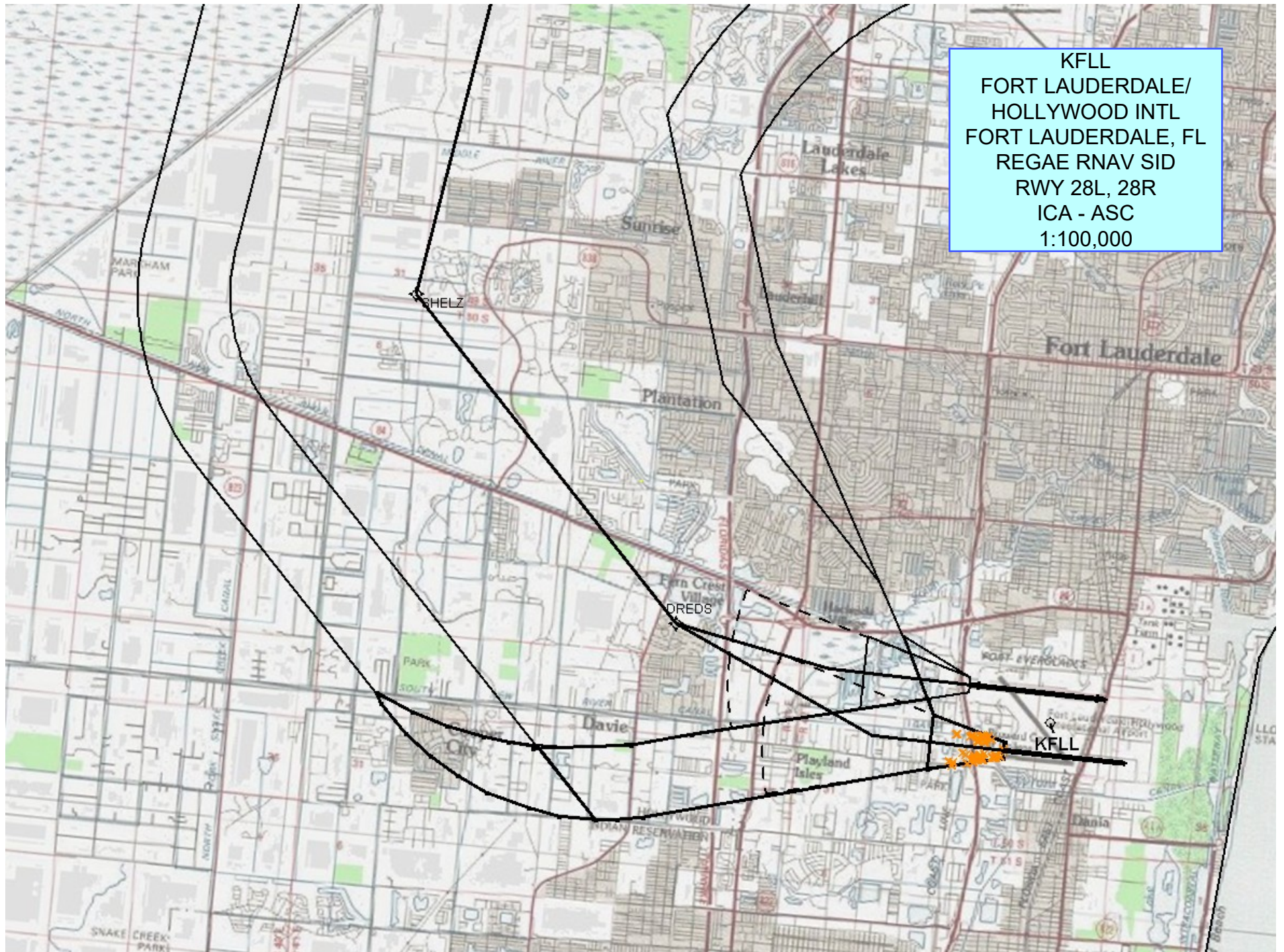
KFLL
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
RWY 10L, 10R
ICA - ASC
1:100,000



KFLL
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
RWY 28L, 28R
ICA - REGAE
ASC
1:500,000



KFLL
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
RWY 28L, 28R
ICA - ASC
1:100,000

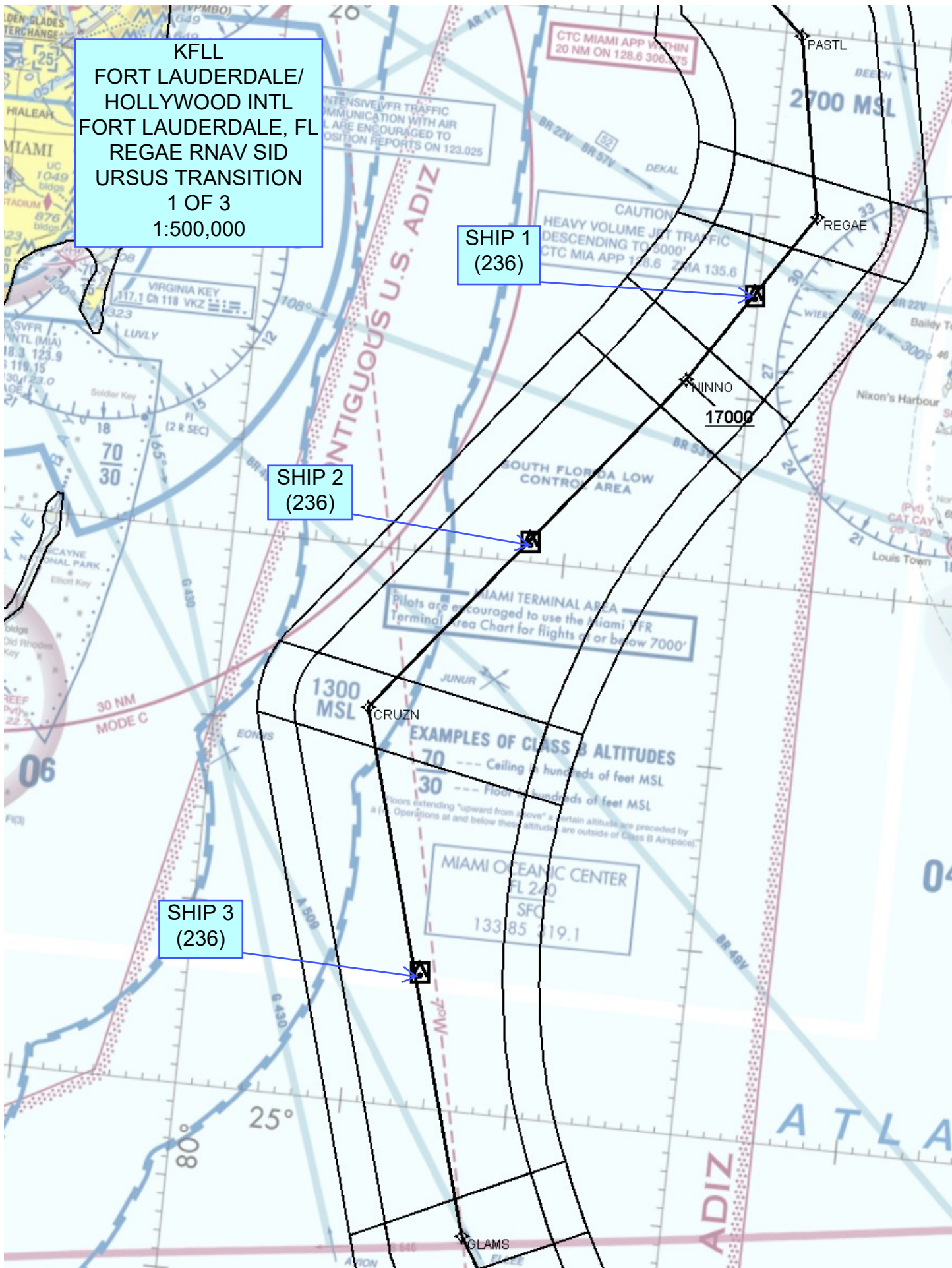


KFLL
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
URSUS TRANSITION
1 OF 3
1:500,000

SHIP 1
(236)

SHIP 2
(236)

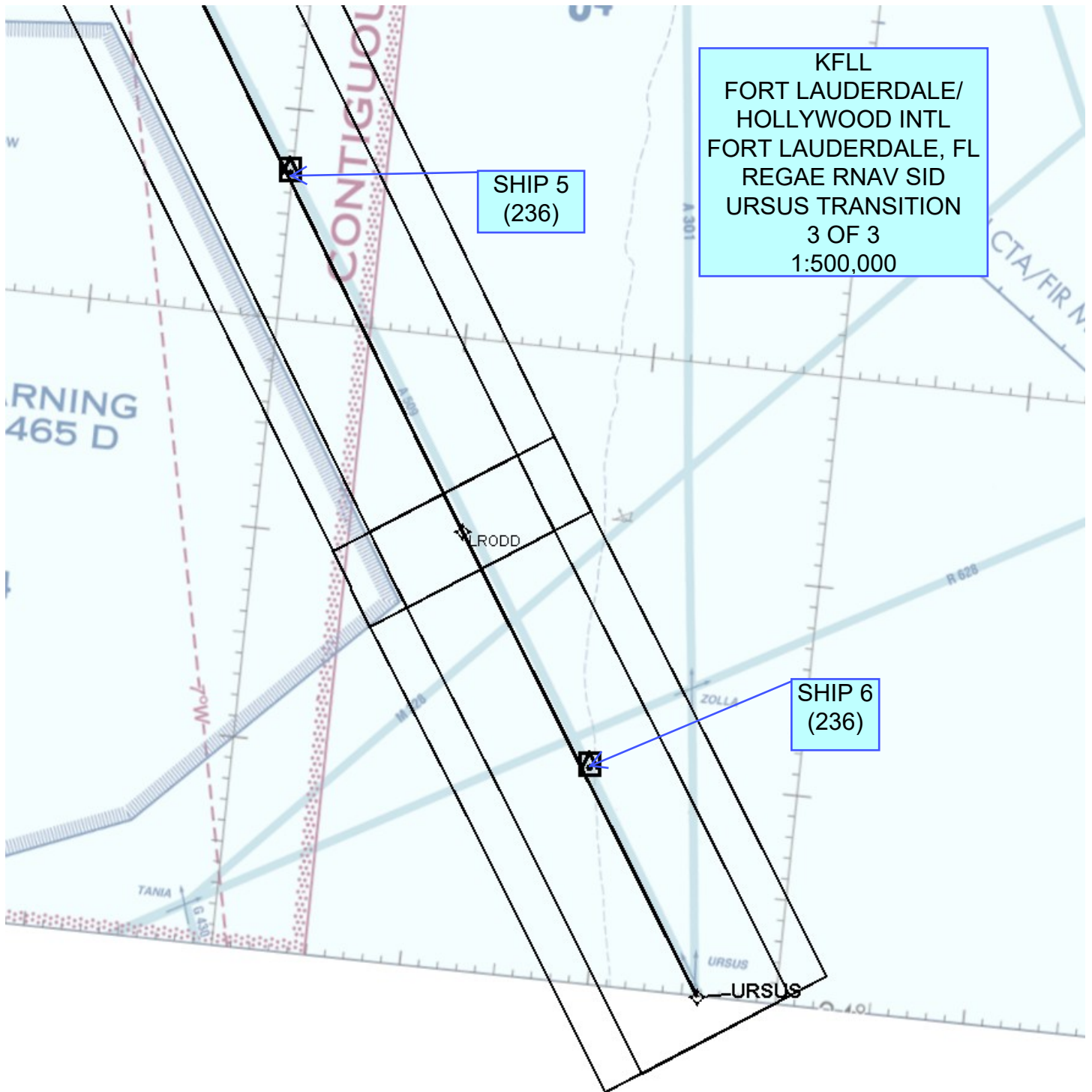
SHIP 3
(236)



KFLL
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
URSUS TRANSITION
2 OF 3
1:500,000

SHIP 3
(236)

SHIP 4
(236)SHIP 5
(236)



KFLL
FORT LAUDERDALE/
HOLLYWOOD INTL
FORT LAUDERDALE, FL
REGAE RNAV SID
URSUS TRANSITION
3 OF 3
1:500,000

SHIP 5
(236)

SHIP 6
(236)