

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)**

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CSHEL	FIVE	CSHEL5.CSHEL	FOUR	APR 11 2010	20 AUG 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

(SOUTHWEST FLORIDA INTL) TAKEOFF RWY 6: CLIMB HEADING 058.10 OR AS ASSIGNED BY ATC, TO 540. EXPECT VECTORS TO CSHEL, THEN VIA DEPICTED ROUTE TO PULEC, THENCE ... **TAKEOFF RWY 24:** CLIMB HEADING 238.12 TO 540, THEN DIRECT MAPUL, THEN CLIMB VIA 270.00 TRACK TO SNOKE, THEN RIGHT TURN DIRECT WITAR, THEN VIA DEPICTED ROUTE TO PULEC, THENCE ...

(MARCO ISLAND RWY 17; NAPLES MUNI RWY 5, 23, 32; PAGE FIELD) CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO CSHEL, THEN VIA DEPICTED ROUTE TO PULEC, THENCE ... **(MARCO ISLAND RWY 35)** CLIMB HEADING 005.00 TO 700, THEN VIA RADAR VECTORS TO CSHEL, THEN VIA DEPICTED ROUTE TO PULEC, THENCE ...

(NAPLES MUNI RWY14) CLIMB HEADING 137.22 TO 600, THEN VIA RADAR VECTORS TO CSHEL, THEN VIA DEPICTED ROUTE TO PULEC, THENCE ...

... VIA (TRANSITION). **(SOUTHWEST FLORIDA INTL)** MAINTAIN 4000, **(MARCO ISLAND; NAPLES MUNI)** MAINTAIN 2000, **(PAGE FIELD)** MAINTAIN 1500, OR AS ASSIGNED BY ATC, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
LAKELAND	CSHEL5.LAL	PULEC	LAL VORTAC	002.34	12.38	14000	2300	
ORLANDO	CSHEL5.ORN	PULEC	ORN VORTAC	041.81	57.94	14000	2300	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED. **NOTE:** DME/DME/IRU OR GPS REQUIRED. **NOTE:** RNAV 1. **NOTE:** FOR TUBOJET AIRCRAFT ONLY.

(SOUTHWEST FLORIDA INTL) NOTE: TAKEOFF RWY 24 - FOR NON-GPS EQUIPPED AIRCRAFT LBV AND RSW DME'S MUST BE OPERATIONAL. **NOTE:** TAKEOFF RWY 6 - FOR NON-GPS EQUIPPED AIRCRAFT LAL, LBV, RSW, AND SRQ DME'S MUST BE OPERATIONAL.

(PAGE FIELD, MARCO ISLAND, NAPLES MUNI) NOTE: FOR NON-GPS EQUIPPED AIRCRAFT LAL, LBV, RSW, AND SRQ DME'S MUST BE OPERATIONAL.

TAKEOFF MINIMUMS: **(SOUTHWEST FLORIDA INTL)** RWY 6, 24 STANDARD WITH ATC CLIMB OF 500' PER NM TO 540.

(PAGE FIELD) RWY 5, 13, 23, 31 STANDARD; **(MARCO ISLAND)** RWY 17, 35 STANDARD; **(NAPLES MUNI)** RWY 5, 14, 23, 32 STANDARD

TAKEOFF OBSTACLES NOTES:

(SOUTHWEST FLORIDA INTL) NOTE: RWY 6, TREES BEGINNING 1398' FROM DER, 582' LEFT OF CENTERLINE, UP TO 84' AGL/104' MSL. TREES BEGINNING 1763' FROM DER, 860' RIGHT OF CENTERLINE, UP TO 95' AGL/115' MSL. **NOTE: RWY 24,** TREE 1692' FROM DER, 916' RIGHT OF CENTERLINE, 78' AGL/98' MSL.

(PAGE FIELD) NOTE: RWY 5, BUSH, TRAIN AND MULTIPLE TREES BEGINNING 81' FROM DER, 52' RIGHT OF CENTERLINE, UP TO 73' AGL/90' MSL. MULTIPLE ANTENNAS AND TREES BEGINNING 330' FROM DER, 81' LEFT OF CENTERLINE, UP TO 70' AGL/86' MSL. **NOTE: RWY 13,** BUSH, ROAD, BUILDINGS AND MULTIPLE TREES BEGINNING 66' FROM DER, 138' RIGHT OF CENTERLINE, UP TO 52' AGL/66' MSL. ROD ON LIGHT POLE 306' FROM DER, 375' RIGHT OF CENTERLINE, UP TO 22' AGL/37' MSL. TREES 644' FROM DER, 375' RIGHT OF CENTERLINE, UP TO 72' AGL/87' MSL. FENCE 241' FROM DER, 138' LEFT OF CENTERLINE, 10' AGL/24' MSL. OL ON BLDG 829' FROM DER, 447' LEFT OF CENTERLINE, 34' AGL/48' MSL. **NOTE: RWY 23,** SIGN, CONCRETE POLE, OL ON POLE, TREE AND ANTENNA BEGINNING 98' FROM DER, 95' RIGHT OF CENTERLINE, UP 36' AGL/49' MSL. VEHICLES, CONCRETE POLE, OL ON POLE AND TREES BEGINNING 288' FROM DER, 8' LEFT OF CENTERLINE, UP TO 62' AGL/ 75' MSL. **NOTE: RWY 31,** CONCRETE POLE, POWER POLES, LIGHT POLES, FLOODLIGHTS, VEHICLES, TREES, ANTENNA TOWERS AND BRIDGE BEGINNING 5' FROM DER, 285' RIGHT OF CENTERLINE, UP TO 113' AGL/126' MSL. POWER POLES, CONCRETE POLE AND TREES BEGINNING 67' FROM DER, 235' LEFT OF CENTERLINE, UP TO 74' AGL/88' MSL.

(MARCO ISLAND) NOTE: RWY 17, TREES BEGINNING 79' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 48' AGL/52' MSL. WIND SOCK 76' FROM DER, 310' RIGHT OF CENTERLINE, 21' AGL/25' MSL. **NOTE: RWY 35,** ANTENNA 11' FROM DER, 384' LEFT OF CENTERLINE, 53' AGL/57' MSL. SIGN 16' FROM DER, 255' LEFT OF CENTERLINE, 5' AGL/9' MSL. TREES BEGINNING 64' FROM DER, LEFT AND RIGHT OF CENTERLINE UP TO 51' AGL/55' MSL.



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(NAPLES MUNI) NOTE: RWY 5, TREES BEGINNING 92' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 82' AGL/92' MSL. TANKS 1308' FROM DER, 293' LEFT OF CENTERLINE, UP TO 34' AGL/44' MSL. **NOTE: RWY 14**, TREES BEGINNING 97' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 101' AGL/108' MSL. **NOTE: RWY 23**, TREES BEGINNING 126' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 66' AGL/70' MSL. **NOTE: RWY 32**, TREES BEGINNING 339' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 119' AGL/123' MSL.

CONTROLLING OBSTACLES:

(MARCO ISLAND RWY 35) 531' MSL TOWER 260311.32N/0814210.40W. **(NAPLES MUNI RWY 14)** 460' MSL TOWER 260734.00N/0814316.00W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KRSW 4W EPOCH YR: 00.
DME/DME ASSESSMENT: SAT (RNP 2.0).
SOUTHWEST FLORIDA INTL – CHART: TOP ALTITUDE: 4000.
PAGE FIELD – CHART: TOP ALTITUDE: 1500.
MARCO ISLAND – CHART: TOP ALTITUDE: 2000.
NAPLES MUNI – CHART: TOP ALTITUDE: 2000.
PILOT NAVIGATION AREA:
10 NM ARC CENTERED ON CSHEL (IF), CW
FROM POINT A (BEARING 303 DEGREES TO CSHEL)
TO: POINT B (BEARING 032 DEGREES TO CSHEL)
MINIMUM ALTITUDE - 4000

AIRPORTS SERVED:

SOUTHWEST FLORIDA INTL
PAGE FIELD
MARCO ISLAND
NAPLES MUNI

FORT MYERS, FL
FORT MYERS, FL
MARCO ISLAND, FL
NAPLES, FL

COMMUNICATIONS:

ATIS, CLNC DEL, GND CTRL, RSW ATCT, RSW DEP CON, UNICOM, ZMA.

FIXES AND/OR NAVAIDS:



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REMARKS:

MARCO ISLAND RWY 35 and NAPLES MUNI RWY14 climbouts added here to reiterate the charted Takeoff Minimums and Obstacle Departure Procedure (ODP) and prevent ATC from inadvertently vectoring aircraft contrary to the ODP.

CHANGES:

ADDED: SOUTHWEST FLORIDA INTL – CHART: TOP ALTITUDE: 4000.
PAGE FIELD – CHART: TOP ALTITUDE: 1500.
MARCO ISLAND – CHART: TOP ALTITUDE: 2000.
NAPLES MUNI – CHART: TOP ALTITUDE: 2000.

REASONS:

ATC REQUEST



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date				
CSHEL	FIVE	CSHEL5.CSHEL	FOUR	APR 11 2015	20 AUG 2015				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RSW RWY 24 (AER)	263245.02N-0814425.03W	N	-	-	-	-			
540 MSL			-	VA	234.12	-			ATC CG 500 FT/NM TO 540
MAPUL	262956.53N-0814843.76W	Y	FB	DF	-	-			
SNOKE	262948.12N-0815057.19W	Y	FO	TF	266.00	2.00			
WITAR	263759.82N-0815511.52W	Y	FB	DF	-	9.01			RIGHT TURN
LOSBY	264618.14N-0815353.36W	Y	FB	TF	008.01	8.36			
YALOO	265535.85N-0814756.89W	Y	FB	TF	029.80	10.68			
CSHEL	270124.32N-0814440.82W	Y	FB	TF	026.74	6.49			
RSW RWY 6 (AER)	263135.35N-0814612.07W	N	-	-	-	-			
540 MSL			-	VA	054.10	-			ATC CG 500 FT/NM TO 540
			-	VM	054.10	-			
CSHEL	270124.32N-0814440.82W	Y	FB	IF	-	-			
JUNLO	272038.51N-0815101.67W	Y	FB	TF	343.58	20.00			
PULEC	274645.95N-0820025.70W	Y	FB	TF	342.26	27.36			
PULEC	274645.95N-0820025.70W	Y	FB	IF	-	-			CSHEL5.ORL
ORL VORTAC	283233.80N-0812006.05W	Y	FB	TF	037.81	57.94			
PULEC	274645.95N-0820025.70W	Y	FB	IF	-	-			CSHEL5.LAL
LAL VORTAC	275910.25N-0820049.99W	Y	FB	TF	358.34	12.38			