FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated

				Ceilings are in feet abo	ve airport elevation. Di	stances are in nautical miles	 Visibilities are in statue miles or feet R 	VR unless otherwise indicated.		
DP NAM	<u>1E</u>					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DAT
SHPRD						THREE	SHPRD3.SHPRD	TWO	01/08/2015	24 MAY 2018
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV					
TAKEOF TAKEOF TAKEOF	F RWY 23L: CLI F RWY 23R: CL	R: CLIMB HEAD IMB HEADING 2 IMB HEADING 2	234.15 OR AS 234.16 OR A	S ASSIGNED BY S ASSIGNED BY	ATC, EXPECT R ATC, EXPECT R	ADAR VECTORS TO RADAR VECTORS TO	RS TO CATAR, THENCE CATAR, THENCE CATAR, THENCE			
ON DE	PICTED ROUTI	E TO SHPRD, M	MAINTAIN 700	00 OR ALTITUDE	ASSIGNED BY	ATC. EXPECT CLEA	RANCE TO FILED ALTITUDE	WITHIN TEN MINUTES AFTE	R DEPARTURE.	
TRANSIT	TION ROUTES (GRAPHIC DEPI	CTION ONL	<u>Y):</u>						
TRANSIT	TON NAME	TRANSITI COMPUTER		<u>FROM</u> FIX/NAVAII)	<u>TO</u> FIX/NAVAID	COURSE	DISTANCE MEA	MOCA	CROSSING ALTITUDE/FIXES
NOTE: T NOTE: IF NOTE: R NOTE: D NOTE: R	UNABLE TO A	CODE WILL BE CCEPT CLIMB R GPS REQUIR ED.	RATE, ADVIS	VIA PDC OR RA SE ATC ON INITI	LEIGH CLEARAI AL CONTACT.	NCE DELIVERY.				
TAKEOF RWY 14, RWY 05I	, ,	ANDARD WITH	MINIMUM CI		PER NM TO 940. O 1100.					
NOTE: R RIGHT C NOTE: R NOTE: R	F CENTERLINE WY 05R: TREE:	S BEGINNING 3 E, UP TO 138 FT S BEGINNING 1	Γ AGL/547 FT I436 FT FRO	Г MSL. M DER, 803 FT F	RIGHT OF CENTI	ERLINE, UP TO 80 F	T AGL/469 FT MSL.	D TREES BEGINNING 2011 FT LE 1457 FT FROM DER, 878 F	,	
CONTRO	DLLING OBSTA	CLES:								
RWY 23I	_, 23R: 2049 FT	MSL TOWER (3	37-001064) 3	54251.00N/07849	903.00W.					

LOST COMMUNICATIONS PROCEDURES:

ONALITY 3 CHECKED

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE GRAPHIC DEPARTURE PROCEDURES (DP)

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DP NAMENUMBERDP COMPUTER CODESUPERSEDED NUMBERDATEDEFFECTIVE DATESHPRDTHREESHPRD3.SHPRDTWO01/08/201524 MAY 2018

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: 7000

REFERENCE MAG VAR: KRDU 9W EPOCH YEAR: 2020.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART: MEA/MOCA FROM CATAR TO WLFFF, 6300/3100. CHART: MEA/MOCA FROM WLFFF TO SHPRD, 15800/3100.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON CATAR (IF), CW FROM: POINT A (BEARING 228.75 TO CATAR) TO: POINT B (BEARING 318.75 TO CATAR)

MINIMUM ALTITUDE - 4000

AIRPORTS SERVED:

AIRPORT NAME CITY STATE

RALEIGH-DURHAM INTL (KRDU) RALEIGH/DURHAM NC

COMMUNICATIONS:

ATIS. CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL: 132.35/256.9

FIXES AND/OR NAVAIDS:

REMARKS:

MIKE MELSSEN

ABBREVIATED AMENDMENT

FLIGHT INSPECTED BY:

OFFICE SYMBOL:

Digitally signed by

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017.

Feb 02, 2018

ALLAN WILL

DEVELOPED BY: Digitally signed by OFFICE SYMBOL: DATE:

MIKE MELSSEN AJV-5412 12/11/2017

Dec 30, 2017

APPROVED BY:

GEORGE DAVIS

OFFICE SYMBOL:

Date: Digitally signed by

AJV-5410

ALI AN WILL

GEORGE DAVIS AJV-5410 **ALLAN WILL**Feb 02, 2018

REQUIRED EFFECTIVE DATE:

ROUTINE

ONALITY 3 CHECKED

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE GRAPHIC DEPARTURE PROCEDURES (DP)

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
SHPRD	THREE	SHPRD3.SHPRD	TWO	01/08/2015	24 MAY 2018

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
\boxtimes	\boxtimes	\boxtimes	\boxtimes		\boxtimes

OTHER:

ZDC, RDU ATCT, RDU APP CON, RDU AMGR.

CHANGES - REASONS:

- 1. AMENDED REFERENCE MAG VAR FROM KRDU 7W/1985 TO KRDU 9W/2020 MATCH AIRNAV DATA FOR AIRPORT.
- 2. INCREASED MAGNETIC HEADINGS BY 2 DEGREES COMPUTED USING UPDATED KRDU REFERENCE MAG VAR.
- 3. ADDITIONAL FLIGHT DATA: ADDED REFERENCE MAG VAR: KRDU 9W EPOCH YR: 2020 PER 8260.46F DOCUMENTATION CRITERIA.
- 4. REMARKS: ADDED ABBREVIATED AMENDMENT PER 8260.46F DOCUMENTATION CRITERIA.



FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE DEPARTURE (DATA RECORD)

DP NAME					<u> </u>	JEFAN	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
SHPRD							THREE	SHPRD3.SHPRD	TWO	01/08/2015	24 MAY 2018
FIX/NAVAID	LAT/LONG	<u>C</u>	FO/FB	LEG TYPE	<u>TC</u>	DIST (NM)	ALTITUD	E SPEED		REMARKS	
RW05L (AER)	355228.02N/0784807.07W	N	-	-	-	-			CG 500 FT/NM TO 940		
		-	-	VM	045.14						
CATAR	355007.45N/0791800.65W	Υ	FB	DF	-	-					
RW05R (AER)	355152.67N/0784750.42W	N	-	-	-	-			CG 500 FT/NM TO 940		
		-	-	VM	045.14						
CATAR	355007.45N/0791800.65W	Υ	FB	DF	-	-					
RW23L (AER)	355244.98N/0784645.82W	N	-	-	-	-			CG 500 FT/NM TO 1100		
		-	-	VM	225.15	-					
CATAR	355007.45N/0791800.65W	Υ	FB	DF	-	-					
RW23R (AER)	355337.76N/0784640.92W	N	-	-	-	-			CG 500 FT/NM TO 940		
		-	-	VM	225.16						
CATAR	355007.45N/0791800.65W	Υ	FB	DF	-	-					
CATAR	355007.45N/0791800.65W	Υ	FB	IF	-	-					
WLFFF	354903.42N/0793205.51W	Υ	FB	TF	264.75	11.50					
SHPRD	353915.56N/0802836.36W	Υ	FB	TF	258.27	47.04					

