

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)**

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<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
ALDAN (RNAV)	TWO	SBV.ALDAN2	ONE	01/10/2013	24 MAY 2018

THIS IS A CORRECTED COPY OF A PROCEDURE PREVIOUSLY PUBLISHED IN NFDD 067.

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
HAFNR	HAFNR.ALDAN2	HAFNR	MELTN	223.23	86.29	FL180			
		MELTN	SBV VORTAC	222.66	37.92	14000			AT/BELOW 17000
KPASS	KPASS.ALDAN2	KPASS	ROBLS	082.76	67.22	FL180			
		ROBLS	TABER	84.10	21.97	15000			
		TABER	SBV VORTAC	122.89	54.60	14000			AT/BELOW 17000
ROANOKE	ROA.ALDAN2	ROA VOR/DME	TIVAE	136.97	10.00	FL180			
		TIVAE	SBV VORTAC	137.07	54.65	14000			AT/BELOW 17000

ARRIVAL ROUTE DESCRIPTION:

FROM OVER SBV VORTAC ON TRACK 175.81/9.37 NM TO FRAZI (MEA 11000), THEN ON TRACK 175.82/5.49 NM TO FAVKO, CROSS FAVKO AT/ABOVE 10000 AND AT/BELOW 12000 (MEA 4000), THEN ON TRACK 175.84/2.20 NM TO ALDAN, CROSS ALDAN AT/ABOVE 10000 AND AT/BELOW 12000 (MEA 4000). THEN ON ASSIGNED RUNWAY TRANSITION...

... LANDING RWY 23R: FROM OVER ALDAN ON TRACK 152.69/8.70 NM TO GAZER, CROSS GAZER AT/ABOVE 8000 AND AT/BELOW 9000 (MEA 4000), THEN ON TRACK 152.75/3.00 NM TO HARSH, CROSS HARSH AT 8000 AND 210 KIAS (MEA 4000), THEN ON TRACK 152.77/6.46 NM TO BUTTS, CROSS BUTTS AT 6000 (MEA 4000). EXPECT RNAV (RNP) APPROACH.

...LANDING RWY 23L: FROM OVER ALDAN ON TRACK 152.69/8.70 NM TO GAZER, CROSS GAZER AT/ABOVE 8000 AND AT/BELOW 9000 (MEA 4000), THEN ON TRACK 152.75/3.00 NM TO HARSH, CROSS HARSH AT 8000 AND 210 KIAS (MEA 4000), THEN ON TRACK 152.77/6.46 NM TO BUTTS, CROSS BUTTS AT 6000 (MEA 4000), THEN ON TRACK 152.77/5.00 NM. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

... LANDING RWY 5L/5R: FROM OVER ALDAN ON TRACK 175.85/5.27 NM TO FOBAT (MEA 4000), THEN ON TRACK 175.86/4.24 NM TO BILLA (MEA 4000), THEN ON TRACK 176.30/11.48 NM TO BLNKR, CROSS BLNKR AT 8000 AND 210 KIAS (MEA 4000), THEN ON TRACK 191.15/4.78 NM TO GABLR (MEA 4000), THEN ON TRACK 223.96/3.95 NM TO HEAVE (MEA 4000), THEN ON TRACK 234.18/3.01 NM TO JEMMY (MEA 4000), THEN ON TRACK 234.18/5.00 NM. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.



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PROCEDURAL DATA NOTES:

NOTE: FOR TURBOJET AIRCRAFT ONLY.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RWYS 5L, 5R, 23L: RADAR REQUIRED.

NOTE: LANDING NORTHEAST: SELECT RWY 5L.

NOTE: EXPECT TO RECEIVE LANDING DIRECTION (NORTHEAST/SOUTHWEST) FROM WASHINGTON ARTCC; RDU APPROACH WIL ASSIGN LANDING RUNWAY.

NOTE: LANDING SOUTHWEST: SELECT RWY 23R.

NOTE: LANDING RWY 23R: FOR NON-RNP AIRCRAFT, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER BUTTS.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT ALDAN: HOLD N, RT, 175.84 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

RALEIGH APP CON, ATIS

AIRPORTS SERVED:

AIRPORT NAME

CITY

STATE

RALEIGH-DURHAM INTL (KRDU)

RALEIGH/DURHAM

NC

LOST COMMUNICATIONS PREFERENCES:**REMARKS:**

THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KRDU 9W/2020.

DME/DME ASSESSMENT: SAT RNP (2.0).



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FLIGHT INSPECTED BY:

PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, DEC 22, 2017, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

ORGANIZATION:**DATE:***Digitally signed by*

AJW-333

Flight Inspected Signature:

ALLAN WILL

Apr 03, 2018

DEVELOPED BY:*Digitally signed by*

BRYAN BLUE

BRYAN W BLUE

AJV-5411

12/24/2017

Developed By Signature:

Apr 03, 2018

APPROVED BY:*Digitally signed by*

GEORGE DAVIS

AJV-5410

Approved By Signature:

ALLAN WILL

Apr 03, 2018

CHANGES:

1. CHANGED AIRPORT MAGVAR FROM 7W/1985 TO 9W/2020.
2. CHANGED ALL HEADINGS, COURSES, AND TRACKS +2 DEGREES.
3. ON ARRIVAL ROUTE DESCRIPTION, ADDED "AND" BETWEEN CROSSING ALTITUDES.
4. ADDED RECOMMENDED NAVAID RDU VORTAC FM LEGS.

REASONS:

1. AIRPORT CAT II/III MAGVAR UPDATE INITIATIVE.
2. AIRPORT MAGVAR UPDATED FROM W7/1985 TO W9/2020.
3. IAW 8260-19H, 4-5-3.
4. IAW 8260.19H, 4-5-4.

04/03/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/29/18.

1. ON PAGE 1 OF 3 8260-17.1, UNDER TRANSITION ROUTES "FROM NAVAID" AND ON PAGE 1 OF 3 8260.17.2 FIX NAVAID CHANGED ROA VORTAC TO ROA VOR/DME.

QUALITY
9
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
ALDAN (RNAV)	TWO	SBV.ALDAN2	ONE	01/10/2013	24 MAY 2018

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
HAFNR	382350.46N/0773358.95W	Y		IF					HAFNR.ALDAN2
MELTN	371209.22N/0783444.33W	Y	FB	TF	214.23	86.29			
SBV VORTAC	364030.15N/0790052.21W	Y	FB	TF	213.66	37.92	AT/BELOW 17000	AT 280K	
En Route Transition									
KPASS	363856.56N/0814958.27W	Y		IF					KPASS.ALDAN2
ROBLS	365718.64N/0802926.74W	Y	FB	TF	073.76	67.22			
TABER	370255.04N/0800255.66W	Y	FB	TF	075.10	21.97			
SBV VORTAC	364030.15N/0790052.21W	Y	FB	TF	113.89	54.60	AT/BELOW 17000	AT 280K	
En Route Transition									
ROA VOR/DME	372036.47N/0800413.43W	Y		IF					ROA.ALDAN2
TIVAE	371426.48N/0795421.05W	Y	FB	TF	127.97	10.00			
SBV VORTAC	364030.15N/0790052.21W	Y	FB	TF	128.07	54.65	AT/BELOW 17000	AT 280K	
Common Route									
SBV VORTAC	364030.15N/0790052.21W	Y		IF			AT/BELOW 17000	AT 280K	SBV.ALDAN2



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FIX/NAVAID		LAT/LONG		C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE		SPEED		REMARKS	
FRAZI		363122.25N/0785813.08W		Y	FB	TF	166.81	09.37						
FAVKO		362601.27N/0785640.09W		Y	FB	TF	166.82	05.49	10000B12000					
ALDAN		362352.56N/0785602.86W		Y	FB	TF	166.84	02.20	10000B12000					
Runway Transition														
ALDAN		362352.56N/0785602.86W		Y		IF			10000B12000					
FOBAT		361844.45N/0785433.92W		Y	FB	TF	166.85	05.27						
BILLA		361436.35N/0785322.44W		Y	FB	TF	166.86	04.24						
BLNKR		360323.22N/0785015.60W		Y	FB	TF	167.30	11.48	AT 8000		AT 210K			
GABLR		355835.93N/0785028.89W		Y	FB	TF	182.15	04.78						
HEAVE		355521.22N/0785316.24W		Y	FB	TF	214.96	03.95						
JEMMY		355313.85N/0785553.74W		Y	FO	TF	225.18	03.01						
KRDU:RWY 05L/R						FM	225.18	05.00					RECOMMENDED NAVAID: RDU VORTAC	
Runway Transition														
ALDAN		362352.56N0785602.86W		Y		IF			10000B12000					
GAZER		361651.38N/0784940.75W		Y	FB	TF	143.69	08.70	8000B9000					

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
HARSH	361425.98N/0784729.18W	Y	FB	TF	143.75	03.00	AT 8000	AT 210K	
BUTTS	360912.97N/0784246.51W	Y	FO	TF	143.77	06.46	AT 6000		
KRDU:RW23L				FM	143.77	05.00			RECOMMENDED NAVAID: RDU VORTAC
Runway Transition									
ALDAN	362352.56N/0785602.86W	Y		IF			10000B12000		
GAZER	361651.38N/0784940.75W	Y	FB	TF	143.69	08.70	8000B9000		
HARSH	361425.98N/0784729.18W	Y	FB	TF	143.75	03.00	AT 8000	AT 210K	
BUTTS	360912.97N/0784246.51W	Y	FB	TF	143.77	06.46	AT 6000		
KRDU:RW23R									

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