

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> RDU	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 5L	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> RALEIGH/DURHAM	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 435	<u>TDZE</u> 384	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 5L	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 02/25/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JUNE 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9W
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OTTOS	IAF	CHWDR		TF	FB	1.00	067.92	6.38	5000
CHWDR	IAF	BOULE		TF	FB	1.00	054.02	3.14	4000
BOULE		SCHOO		TF	FB	1.00	054.05	2.65	3000
SCHOO	IF	WEPAS		TF	FB	1.00	054.07	3.00	2200
WEPAS	FAF	RW05L	MAP	TF	FO	0.30	054.09	5.58	
RW05L	MAP	1000 MSL		CA			054.09		1000
1000 MSL		DUHAM		DF	FO	1.00			2200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2200 DIRECT DUHAM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT CHWDR
- FAC: 054.09 FAF: WEPAS DIST FAF TO MAP: 5.58 DIST FAF TO THLD: 5.58
- MIN ALT: CHWDR 5000, BOULE 4000, SCHOO 3000, WEPAS 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 214 HAT: 0.54 GS ANT: MM: IM:
- MIN GP INCPT: 2200 GP ALT AT PFAF: WEPAS 2200 OM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 57.4
- MSA FROM: RW05L 3400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART SPEED ICON IN PLANVIEW AT OTTOS: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT CHWDR: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 6000 AT OTTOS.
HOLD N, RT, 172.91 INBOUND.
FAS OBST: 620 AAO 354800N/0785212W.
CHART VDP AT 1.38 NM TO RW05L.
WAAS CHANNEL # 48813
REFERENCE PATH ID: W05A
LTP HAE: 79.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	598	1800	214	598	1800	214	598	1800	214	598	1800	214			
LNAV/VNAV DA	748	3500	364	748	3500	364	748	3500	364	748	3500	364			
LNAV MDA	880	2400	496	880	2400	496	880	5000	496	880	5000	496			
CIRCLING	960	1	525	960	1	525	1020	1 1/2	585	1180	2 1/2	745			

CHANGES - REASONS

1. CHANGED VDP VALUE FROM "CHART VDP AT 1.25 NM TO RW05L" TO "CHART VDP AT 1.38 NM" - LNAV MDA VALUE RAISED.
2. CHANGED LNAV MDA FROM "840" TO "880" AND CAT C/D RVR VIS FROM "4500" TO "5000" - NEW CONTROLLING OBSTACLE (620 AAO 354800N/0785212W).
3. CHANGED PBN NOTES FROM "RNP APCH" TO "RNP APCH-GPS" - UPDATED CRITERIA.
4. REMOVED CIRCLING ICON - UPDATED CRITERIA.
5. FAS OBSTACLE CHANGED FROM "643 AAO 354751N/0785206W" TO "620 AAO 354800N/0785212W".
6. REMOVE "*LNAV ONLY" - UPDATED CRITERIA.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZDC, AMGR, RDU ATC.

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by

ALLAN WILL

Apr 08, 2026

OFFICE

AJF

DATE

04/07/2026

Digitally signed by

ALLAN WILL

Apr 08, 2026

OFFICE

AJV-A33

DATE

12/30/2025

Digitally signed by

ALLAN WILL

Apr 08, 2026

OFFICE

AJV-A33

DATE

05/07/2026

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KRDU
RW05L
0
Y
0
W05A
355228.0160N
0784807.0690W
+00798
355337.7645N
0784640.9210W
00057.4
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

95360F22

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K7
+01118
+01118

