

<b>RNAV - STANDARD</b> <b>US DEPARTMENT OF TRANSPORTATION      INSTRUMENT APPROACH PROCEDURE</b> <b>FEDERAL AVIATION ADMINISTRATION      TITLE 14 CFR PART 97.33</b>							Bearings, headings, courses, 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 in feet RVR.									
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>						
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW05R  CLIMB TO 2600 DIRECT POBIC AND ON TRACK 097.48 TO ZEBUL AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD E, RT, 271.06 INBOUND. CHART FAS OBST: 527 TREE 355144N/0784731W. DISTANCE TO THLD FROM 200 HAT: 0.52 NM. WAAS CHANNEL # 90213 REFERENCE PATH ID: W05B CHART CIRCLING ICON. LTP HAE: 89.1 M						
MUTSE (IAF)		PECIT (NOPT) (TF) (FB) (RNP 1.00)			324.12 / 10.00			3400								
FOGAP (IAF)		PECIT (NOPT) (TF) (FB) (RNP 1.00)			143.96 / 10.58			3400								
PECIT (IF/IAF)		PURME (TF) (FB) (RNP 1.00)			054.04 / 5.97			2400								
PURME (FAF)		AMORT/1.40 NM TO RW05R (TF) (FB) (RNP 0.30)			054.09 / 4.71											
AMORT/1.40 NM TO RW05R		RW05R (MAP) (TF) (FO) (RNP 0.30)			054.09 / 1.40											
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW PECIT, RT, 054.04 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 054.09 FAF: PURME DIST FAF TO MAP: 6.11 THLD: 6.11 4. MIN. ALT: PECIT 3400, PURME 2400, AMORT/1.40 NM TO RW05R 900* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: PURME 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 56.3 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: _____																
										MAG VAR: 9W			EPOCH YEAR: 2020			
<b>MINIMUMS</b>																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @							
CATEGORY >>>>>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	620	2400	200	620	2400	200	620	2400	200	620	2400	200				
LNAV/VNAV DA	710	2400	290	710	2400	290	710	2400	290	710	2400	290				
LNAV MDA	780	2400	360	780	2400	360	780	3000	360	780	3000	360				
CIRCLING	960	1	525	960	1	525	1040	1 3/4	605	1180	2 1/2	745				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F). @ CAT D 800-2 1/2 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}). (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 435 TDZE: 420			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:				
RALEIGH/DURHAM, NC		AIRPORT NAME:			RALEIGH-DURHAM INTL		RNAV (GPS) Y RWY 5R, AMDT 3, 05/24/2018					AMDT: 2B				
												DATED 10/12/2017				

QUALITY  
 4  
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW05R (MAP)	620 MSL (CA)	054.09	
620 MSL	POBIC (DF) (FB) (RNP 1.00)		
POBIC	ZEBUL (TF) (FO) (RNP 1.00)	099.48 / 17.12	2600

NOTES, (CONT.):

\*LNAV ONLY

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS C/D VISIBILITY TO RVR 5500.

EQUIPMENT REQUIREMENTS NOTE: RNP APCH

TAA

	FROM	TO	ALT
1.	324/30 CW 144/30 (NOPT)	PECIT (IF/IAF) (FB)	3400
2.	144/30 CW 234/30	FOGAP (IAF) (FB)	3400
3.	234/30 CW 324/30	MUTSE (IAF) (FB)	3400

QUALITY  
4  
CHECKED

CITY AND STATE

RALEIGH/DURHAM, NC

ELEVATION: 435

TDZE: 420

AIRPORT NAME:

RALEIGH-DURHAM INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) Y RWY 5R, AMDT 3, 05/24/2018

SUP:

AMDT: 2B

DATED: 10/12/2017

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRDU
RUNWAY	RW05R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05B
LTP/FTP LATITUDE	355152.6680N
LTP/FTP LONGITUDE	0784750.4170W
LTP/FTP ELLIPSOIDAL HEIGHT	+00891
FPAP LATITUDE	355255.6040N
FPAP LONGITUDE	0784632.6980W
THRESHOLD CROSSING HEIGHT (TCH)	00056.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER**

610CC6FE

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01212
FPAP ORTHOMETRIC HEIGHT	+01212

QUALITY  
4  
CHECKED

CITY AND STATE RALEIGH/DURHAM, NC	ELEVATION: 435      TDZE: 420 AIRPORT NAME: RALEIGH-DURHAM INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 5R, AMDT 3, 05/24/2018	SUP:
				AMDT: 2B
				DATED: 10/12/2017