US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PECIT/RDU VORTAC 12.90 DME/RADAR (IF/IAF)	PURME/RDU 6.93 DME/RADAR	052.14 / 5.96 (I-RDU)	2400

MISSED APPROACH

ILS: DA
LOC: RW05R

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2600 ON HEADING 130 AND RDU VORTAC R-087 TO ZEBUL INT/RDU VORTAC 19.64 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2600 ON HEADING 095 AND TYI VORTAC R-269 TO ZEBUL INT/TYI VORTAC 33.34 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 266.91 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E
ZEBUL INT/TYI VORTAC 33.34 DME,
RT, 268.55 INBOUND.
FAS OBST: 629 AAO 354720N/0785213W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PECIT
3. FAC: 052.14 FAF: PURME/RDU 6.93 DME/RADAR DIST FAF TO MAP: 6.12 THLD: 6.12
4. MIN. ALT: PECIT 4000, PURME 2400
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: 1801 100 HAT: 847 GS ANT: 1025
6. MIN GS INCPT: 2400 GS ALT AT: PURME 2400 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.2
8. MSA FROM: RDU VORTAC 3400

MAG VAR: 7W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD # LOC: 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
S-ILS 5R**	597	2400	200	597	2400	200	597	2400	200	597	2400	200			
S-LOC 5R	900	2400	503	900	2400	503	900	5500	503	900	5500	503			
CIRCLING	960	1	525	960	1	525	960	1 1/2	525	1060	2	625			

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 5R: CAT A, B, C, D, RA 181, RVR 1400, HATh 150, DA 547 MSL.
SA CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 5R: CAT A, B, C, D, RA 130, RVR 1200, HATh 100, DA 497 MSL.
(SEE FORM 8260-10)

CAT D 700-2

QUALITY CHECKED

CITY AND STATE	ELEVATION: 435 THRE: 397 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC	RALEIGH-DURHAM INTL	I-RDU	ILS OR LOC RWY 5R, AMDT 28 ILS RWY 5R (SA CAT I), ILS RWY 5R (SA CAT II)	AMDT: 27A DATED 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] AIRPORT MANAGER, ZDC, RDU ATC

FLIGHT CHECKED BY

NAME:	FIFO	DATE:
JORGE ALBERTO MALCUN	FIOG	02/07/2012

DEVELOPED BY

NAME:	FIFO	DATE:
KELLY DEAN	AJV-352	09/15/2011

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	MANAGER	AJV-352	

CHANGES:

1. FINAL DISTANCE INCREASED FROM 6.01 TO 6.12; FAF TO THLD/MAP UPDATED.
2. ADDED SA CAT I.
3. ADDED SA CAT II.
4. S-LOC 5R CATS C/D VISIBILITY CHANGED FROM 4000/5000 RESPECTIVELY TO 5500.
5. ADDED INOPERATIVE NOTE.
6. TDZE REFERENCE CHANGED TO THRE.
7. S-ILS 5R DA CHANGED FROM 620 TO 597.
8. S-LOC 5R HAT OF 480 CHANGED TO HATH OF 503.
9. ADDED SIMULTANEOUS OPERATIONS NOTES.

REASONS:

1. PFAF MOVED TO LNAV/VNAV PFAF LOCATION.
2., 3. FPT REQUEST.
4. TERPS CHANGE 20 VOLUME 1, CHAP 3 APPLIED.
5. ADJUSTMENT NO LONGER STANDARD.
6., 7., 8. HATH APPLIED INSTEAD OF HAT.
9. ATC DIRECTED DUE TO KRDU BEING CONSIDERED DEPENDENT FOR SEPARATION.

3/12/2012 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/14/2011.
ADDED SIMULTANEOUS APPROACH AUTHORIZATION NOTE.

3/28/2012 THIS IS A CORRECTED COPY OF THE FORM DATED 16 MAR 2012.
CORRECTED ZEBUL INT/TYI VORTAC 33.34 DME IN ADDITIONAL FLIGHT DATA.
READDED 1801 ON LINE 5 FOR THE 150 HAT.
CORRECTED SA CATEGORY I IN THE NOTES SECTION CHANGING "II" TO "I" .
CORRECTED SA CATEGORY II IN THE NOTES CHANGING RA 181 TO RA 130.

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 5R CATS C/D VISIBILITY TO 1 3/8 MILE.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 5L.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 435 THRE: 397	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC	AIRPORT NAME: RALEIGH-DURHAM INTL	I-RDU	ILS OR LOC RWY 5R, AMDT 28 ILS RWY 5R (SA CAT I), ILS RWY 5R (SA CAT II)	AMDT: 27A DATED: 03/08/2102

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        RDU   K7011720VTHW N35522108W078470003    N35522108W078470003W0040004292     NARRALEIGH/DURHAM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PECIT K70    C   L N35432019W078582139                      W0088     NAR           PECIT
        SUSAEAENRT   PURME K70    C     N35473336W078531011                      W0089     NAR           PURME
        SUSAEAENRT   ZEBUL K70    C   L N35544433W078230047                      W0092     NAR           ZEBUL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRDUK7ARDU     0     100YHN35523950W078471490W007000435         1800018000C    MNAR    RALEIGH-DURHAM INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRDUK7FI05R  I      010PECITK7EA0E  I    IF IRDUK7      23220135        PI  J 040000240018000                0 NS
        SUSAP KRDUK7FI05R  I      020PURMEK7EA0E  F    CF IRDUK7      2322007505200060PI  H 0240002400        -300RDU   K7D 0 NS
        SUSAP KRDUK7FI05R  I      030RW05RK7PG0GY M    CF IRDUK7      2321001405200061PI    00453             -300          0 NS
        SUSAP KRDUK7FI05R  I      040         0  M     CA                    0521         + 01000                          0 NS
        SUSAP KRDUK7FI05R  I      050         0        VI                    1300                                          0 NS
        SUSAP KRDUK7FI05R  I      060ZEBULK7EA0EY      CF RDU K7      0869019608690170D   + 02600                          0 NS
        SUSAP KRDUK7FI05R  I      070ZEBULK7EA0EE  R   HM                    2669T010    + 02600                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRDUK7GRW05R   0075000521 N35515267W078475042+0400     +00891003970000055150IIRDU1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRDUK7IIRDU1   010950RW05RN35525209W078463705052 1N35515702W0784738171019 10250471300W00705500400

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRDUK7SRDU  K7D               0   18018003425                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 435 THRE: 397	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC	AIRPORT NAME: **RALEIGH-DURHAM INTL**	**I-RDU**	**ILS OR LOC RWY 5R, AMDT 28** **ILS RWY 5R (SA CAT I), ILS RWY 5R (SA CAT II)**	AMDT: **27** DATED: **08/27/2009**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		PECIT	010	FACF	IF		FB				AA 04000 GI 02400	
		PURME	020	FAF	CF		FB		052.0()	006.0	GI 02400 GS 02400	
		RW05R	030	MAP	CF		FO		052.0()	006.1	AT 00453	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		052.1()		AA 01000	
		050		VI		FB		130.0()			
	ZEBUL	060		CF		FO		086.9()	017.0	AA 02600	
	ZEBUL	070		HM	R	FO		266.9()	T01.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RDU	N355221.08	W0784700.03	N3552.351	W07847.001
	PECIT	N354320.19	W0785821.39	N3543.337	W07858.357
	PURME	N354733.36	W0785310.11	N3547.556	W07853.169
	ZEBUL	N355444.33	W0782300.47	N3554.739	W07823.008
	RW05R	N355152.67	W0784750.42	N3551.878	W07847.840
	IRDU (LOC)	N355252.09	W0784637.05	N3552.868	W07846.618

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05R	00397	55

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 435	THRE: 397	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC	AIRPORT NAME: RALEIGH-DURHAM INTL		I-RDU	ILS OR LOC RWY 5R, AMDT 28 ILS RWY 5R (SA CAT I), ILS RWY 5R (SA CAT II)	AMDT: 27 DATED: 08/27/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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.

ARINC PACKET - 424-18 - LOC

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAD        RDU   K7011720VTHW N35522108W078470003    N35522108W078470003W0040004292     NARRALEIGH/DURHAM

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   PECIT K70    C   L N35432019W078582139                    W0088     NAR           PECIT
          SUSAEAENRT   PURME K70    C     N35473336W078531011                    W0089     NAR           PURME
          SUSAEAENRT   ZEBUL K70    C   L N35544433W078230047                    W0092     NAR           ZEBUL

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KRDUK7ARDU     0     100YHN35523950W078471490W007000435         1800018000C    MNAR    RALEIGH-DURHAM INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KRDUK7FL05R  L      010PECITK7EA0E  I    IF IRDUK7      23220135       PI  + 04000     18000                0 NS
          SUSAP KRDUK7FL05R  L      020PURMEK7EA0E  F    CF IRDUK7      2322007505200060PI  + 02400                RDU   K7D 0 NS
          SUSAP KRDUK7FL05R  L      030RW05RK7PG0GY M    CF IRDUK7      2321001405200061PI    00453              -300          0 NS
          SUSAP KRDUK7FL05R  L      040         0  M     CA                     0521        + 01000                          0 NS
          SUSAP KRDUK7FL05R  L      050         0        VI                     1300                                         0 NS
          SUSAP KRDUK7FL05R  L      060ZEBULK7EA0EY      CF RDU K7      0869019608690170D   + 02600                          0 NS
          SUSAP KRDUK7FL05R  L      070ZEBULK7EA0EE  R   HM                     2669T010    + 02600                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KRDUK7GRW05R   0075000521 N35515267W078475042+0400     +00891003970000551501IRDU1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KRDUK7IIRDU1   010950RW05RN35525209W078463705052 1N35515702W0784738171019 10250471300W00705500400

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KRDUK7SRDU  K7D                0   18018003425                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 435 THRE: 397	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC	AIRPORT NAME: **RALEIGH-DURHAM INTL**	**I-RDU**	**ILS OR LOC RWY 5R, AMDT 28** **ILS RWY 5R (SA CAT I), ILS RWY 5R (SA CAT II)**	AMDT: **27** DATED: **08/27/2009**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		PECIT	010	FACF	IF		FB				AA 04000	
		PURME	020	FAF	CF		FB		052.0()	006.0	AA 02400	
		RW05R	030	MAP	CF		FO		052.0()	006.1	AT 00453	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		052.1()		AA 01000	
		050		VI		FB		130.0()			
	ZEBUL	060		CF		FO		086.9()	017.0	AA 02600	
	ZEBUL	070		HM	R	FO		266.9()	T01.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RDU	N355221.08	W0784700.03	N3552.351	W07847.001
	PECIT	N354320.19	W0785821.39	N3543.337	W07858.357
	PURME	N354733.36	W0785310.11	N3547.556	W07853.169
	ZEBUL	N355444.33	W0782300.47	N3554.739	W07823.008
	RW05R	N355152.67	W0784750.42	N3551.878	W07847.840
	IRDU (LOC)	N355252.09	W0784637.05	N3552.868	W07846.618

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05R	00397	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: **435** **THRE: 397**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RALEIGH/DURHAM, NC	AIRPORT NAME: **RALEIGH-DURHAM INTL**	**I-RDU**	**ILS OR LOC RWY 5R, AMDT 28** **ILS RWY 5R (SA CAT I), ILS RWY 5R (SA CAT II)**	AMDT: **27** DATED: **08/27/2009**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	PECIT/RDU VORTAC	PURME/RDU 6.93	1. TOWER (37-001687)	354405.00N/0785841.00W	632 (2C)	500	AT1268	2400
	12.90 DME/RADAR	DME/RADAR	2. TERRAIN	354413.28N/0785330.00W	437 (400)		AS1500	1900
	(IF/IAF)							
FINAL: ILS	PURME/RDU 6.93	RW05R				ASC		597/200
	DME/RADAR							
FINAL: ILS CAT I	PURME/RDU 6.93	RW05R				ASC		547/150
	DME/RADAR							
FINAL: ILS CAT II	PURME/RDU 6.93	RW05R				ASC		497/100
	DME/RADAR							
FINAL: LOC	PURME/RDU 6.93	RW05R	3. AAO	354720.22N/0785213.00W	629 (2C)	250	XL6	900
	DME/RADAR							
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / DA /	ZEBUL INT/RDU				ASC		2600
	RW05R	VORTAC 19.64	4. TOWER (37-001488)	355626.00N/0782844.00W	1549 (5D)	1000	AC50	2600
ELEV:	429/644		5. TERRAIN	355421.00N/0784333.00W	539 (500)		AS1500	2000

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL						
CATEGORY A	1.3 NM	350	525	6. C-TWR (37-001244)	355252.00N/0784709.00W	660 (1A)	300		960
CATEGORY B	1.5 NM	450	525	6. C-TWR (37-001244)	355252.00N/0784709.00W	660 (1A)	300		960
CATEGORY C	1.7 NM	450	525	6. C-TWR (37-001244)	355252.00N/0784709.00W	660 (1A)	300		960
CATEGORY D	2.3 NM	550	625	7. TANK (37-002936)	355507.53N/0784438.02W	680 (4D)	300	AC50 XP30	1060
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RDU VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (37-002504)	137/ 17.2	2349 (1A)	3400					

QUAL
1
DELETED

CITY AND STATE	ELEVATION: 435 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
RALEIGH/DURHAM, NC	RALEIGH-DURHAM INTL	I-RDU	ILS OR LOC RWY 5R, AMDT 28 ILS RWY 5R (SA CAT I) ILS RWY 5R (SA CAT II)	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
RDU TOWER RDU APP CON ZDC ARTCC	[ ] NWS [ ] FAA [ ] A/C OTHER: ASOS	SOURCE: KRDU DISTANCE: - HOURS REMOTE OPERATION:
SATISFACTORY ON:		
[X] VHF [X] UHF [ ] HF	LOCATION: KRDU	ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID: I-RDU		
	MONITOR POINT: RDU ATCT		
	HRS OPTN:	CAT 1	24
		CAT 3	
5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 23R	
		(S) SALS	
	X	MALSR 05R, 05L, 23L	
	X	HIRL 05R, 05L, 23R, 23L	
	X	MIRL 14, 32	
	X	REIL 32	
	X	TDZ 05L, 23R, 23L	
	X	C/L 05R, 05L, 23R, 23L	
	X	OTHER (SPECIFY) TAXI WAY 05L PAPI-4L 05R, 05L, 23R, 23L, 32	

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 05R, 05L, 23R, 23L
	INSTRUMENT	NPI-G 14, 32
7. RUNWAY VISUAL RANGE	APPROACH	05R, 05L, 23R, 23L
	MIDFIELD	05L, 23R
	ROLL OUT	05R, 05L, 23R, 23L

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 397.4
	DISTANCE FROM RWY: 1025	ELEV GP ANTENNA: 405.4
		THRESHOLD CROSSING HEIGHT: 55.2

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: KELLY DEAN	DATE: 09/15/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.

BACK UP ALTIMETER SOURCE NOT DEVELOPED DUE TO REDUNDANT SOURCES AT KRDU.

VGSI DATA: 3.00/55

CIRCLING CAT D XP - MAINTAIN CURRENT MINIMUMS TO BE CONSISTENT WITH OTHER APPROACHES

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
4. TOWER (37-001488) 355626.00N/0782844.00W 1549 (5D)
1000 AC50 2600
5. TERRAIN 355421.00N/0784333.00W 539 (500) AS1500
2000

3/12/2012 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/14/2011.
PER BRAD RUSH KRDU ATCT DIRECTED SIMULTANEOUS OPERATION NOTES. ATC AGREES TO MAINTAIN SEPARATION OF AIRCRAFT AS DEPENDENT CRITERIA IS UTILIZED.

3/28/2012 THIS IS A CORRECTED COPY OF THE FORM DATED 16 MAR 2012.
CORRECTED FINAL: ILS CAT II CHANGING "II" TO "I" .

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PURME **STATE:** NC **COUNTRY:** US

LATITUDE/LONGITUDE: 354733.36N/0785310.11W **TYPE:** WP, RADAR, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	RALEIGH/DURHAM	I-RDU	LOC		232.14	225.14		7.52	45675	2400	4900
2	RALEIGH/DURHAM	RDU	VORTAC	H			6.93	6.93	42132	2400	4900

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 5R	1, 2		KRDU	RALEIGH/DURHAM	NC (US)
IAP	RNAV (GPS) Y RWY 5R			KRDU	RALEIGH/DURHAM	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
FIX MOVED 0.10NM SW.
UPDATED FAC 1 AND FAC 2 DME AND DISTANCE.

DEVELOPED BY: **DATE:** 09/09/2011 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: RDU
OTHER:

QUALITY CHECKED 4

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: PECIT **STATE:** NC **COUNTRY:** US

LATITUDE/LONGITUDE: 354320.19N/0785821.39W **TYPE:** WP, RADAR, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	RALEIGH/DURHAM	I-RDU	LOC		232.14	225.14		13.48		4000	4900
2	RALEIGH/DURHAM	RDU	VORTAC	H	229.80	225.80	12.90	12.90		4000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	232.04	052.04	R		4	3300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	COOL TWR (37-000881)	353805.00N/0785704.00W	786	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ENROUTE CHARTING (FAC 2)
ILS OR LOC RWY 5R FAC 2 DME ONLY.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	ENROUTE LOW CHARTS	2				
IAP	ILS OR LOC RWY 5R	1, 2		KRDU	RALEIGH/DURHAM	NC (US)
IAP	RNAV (GPS) Y RWY 5R		1	KRDU	RALEIGH/DURHAM	NC (US)
IAP	RNAV (RNP) Z RWY 23L			KRDU	RALEIGH/DURHAM	NC (US)
IAP	RNAV (RNP) Z RWY 5R			KRDU	RALEIGH/DURHAM	NC (US)
STAR	RASKL (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/27/2009

REASON FOR REVISION:
CORRECTED FIX MAKE UP.
UPDATED HOLDING SPEEDS, ALTITUDES AND OBSTACLE INFORMATION.
FIX MOVED 486.60' TO CENTERLINE LOCATION

DEVELOPED BY: **DATE:** 01/21/2009 **OFFICE:** AVN-110 **NAME:** TONY LAWSON

APPROVED BY: **DATE:** 07/14/2009 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: RDU
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEBUL **STATE:** NC **COUNTRY:** US

LATITUDE/LONGITUDE: 355444.33N/0782300.47W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	RALEIGH/DURHAM	RDU	VORTAC	H	086.91	082.91	19.64	19.64		2500	17500
2	SOUTH BOSTON	SBV	VORTAC	L	151.00	146.00		55.00		2500	17500
3	TAR RIVER	TYI	VORTAC	L	268.55	263.55	33.34	33.34		2500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SBV	VORTAC	R-151	55	2500	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	RDU	VORTAC	086.91	266.91	R	1-1 1/2		2600	17500	6	18
2	E		WP	089.06	269.06	R		4	2600	17500	5	17
3	E	TYI	VORTAC	268.55	268.55	R	1-1 1/2		2600	17500	6	18
4	W	TYI	VORTAC	268.55	088.55	R	1-1 1/2		2600	17500	6	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001488)	355626.00N/0782844.00W	1549	5D
2	200	TOWER (37-001488)	355626.00N/0782844.00W	1549	5D
2	310	TOWER (37-001047)	354955.00N/0780846.00W	2208	4D
3	200	TOWER (37-001488)	355626.00N/0782844.00W	1549	5D
4	200	TOWER (37-001488)	355626.00N/0782844.00W	1549	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 23	KLHZ	LOUISBURG	NC (US)

REMARKS:
KRDU ILS OR LOC RWY 5R PATTERN 3 ALTERNATE MISSED APPROACH.
KLHZ ILS OR LOC RWY 5 PATTERN 4 ALTERNATE MISSED APPROACH.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V194-310	1, 2, 3				NC (US)
IAP	ILS OR LOC RWY 5	1, 2, 3	1, 4	KLHZ	LOUISBURG	NC (US)
IAP	RNAV (GPS) RWY 23		2	KLHZ	LOUISBURG	NC (US)
IAP	RNAV (GPS) RWY 5			KLHZ	LOUISBURG	NC (US)
IAP	ILS OR LOC RWY 23L	1, 2, 3	1	KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 5R	1, 2, 3	1, 3	KRDU	RALEIGH/DURHAM	NC (US)
IAP	NDB RWY 23L	1, 2, 3	1	KRDU	RALEIGH/DURHAM	NC (US)
IAP	RNAV (GPS) Y RWY 5R		2	KRDU	RALEIGH/DURHAM	NC (US)
IAP	VOR RWY 23L	1, 2, 3	1	KRDU	RALEIGH/DURHAM	NC (US)
IAP	VOR RWY 5R	1, 2, 3	1	KRDU	RALEIGH/DURHAM	NC (US)
STAR	FRAZI (RNAV) ONE		2	KRDU	RALEIGH/DURHAM	NC (US)
STAR	MEYER (RNAV) ONE		2	KRDU	RALEIGH/DURHAM	NC (US)
STAR	RASKL (RNAV) ONE		2	KRDU	RALEIGH/DURHAM	NC (US)
STAR	ZODAS (RNAV) ONE		2	KRDU	RALEIGH/DURHAM	NC (US)

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 10/20/2011

REASON FOR REVISION:
ADDED PAT 4
ADDED ALT MISSED REMARK FOR KLHZ
UPDATED FIX USE
ADDED CIH OBSTACLE AND TO PAT 2 AND ASSOCIATED NOTES

QUALITY CHECKED

DEVELOPED BY:	**DATE:** 04/05/2011	**OFFICE:** AJV-352	**NAME:** DONALD SMITH (CHRISTOPHER COX)
APPROVED BY:	**DATE:** 07/26/2011	**OFFICE:** AJV-352	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: RDU
OTHER:

QUALITY 4 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **RALEIGH/DURHAM** STATE: **NC**

AIRPORT NAME: **RALEIGH-DURHAM INTL** ID: **KRDU**

PROCEDURE: **ILS OR LOC RWY 5R** AMDT: **28**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.98**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **0.86**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **45.14**
4. High Terrain in **FINAL** segment containing 1000' point **429**
5. Distance from **THLD** to 1500' point **5.12**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.32**
7. True Course of **FINAL** segment containing 1500' point **45.14**
8. High Terrain in **FINAL** segment containing 1500' point **429**
9. Threshold Coordinates (if straight-in) ... **355152.67N** / **0784750.42W**
10. ARP Coordinates ..... **355239.50N** / **0784714.90W**
11. Runway Approach End and distance furthest from ARP.....RWY **23L**
    Distance **1.07** NM
12. FAF Coordinates ..... **354733.36N** / **0785310.11W**
    (Click to Select)

REMARKS: Approach/Drawing attached.