

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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW05L CLIMB TO 2200 DIRECT IGAYA AND ON TRACK 338.68 TO DUHAM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 172.91 INBOUND. CHART FAS OBST: 567 POLE 355038N/0785059W, 510 TOWER 355208N/0784907W. DISTANCE TO THLD FROM 211 HAT: 0.54 NM. CHART VDP AT 1.39 NM TO RW05L* *LNAV ONLY. WAAS CHANNEL # 48813 REFERENCE PATH ID: W05A CHART CIRCLING ICON LTP HAE: 79.8 M						
MUTSE (IAF)		SCHOO (NOPT) (TF) (FB) (RNP 1.00)		324.12 / 10.58			3400								
FOGAP (IAF)		SCHOO (NOPT) (TF) (FB) (RNP 1.00)		143.96 / 10.00			3400								
SCHOO (IF/IAF)		WEPAS (TF) (FB) (RNP 1.00)		054.04 / 7.15			2100								
WEPAS (FAF)		RW05L (MAP) (TF) (FO) (RNP 0.30)		054.10 / 5.19											
RW05L (MAP)		595 MSL (CA)		054.10											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW SCHOO, RT, 054.04 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 054.10 FAF: WEPAS DIST FAF TO MAP: 5.19 THLD: 5.19 4. MIN. ALT: SCHOO 3400, WEPAS 2100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2100 GS ALT AT: WEPAS 2100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.4 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: _____															
										MAG VAR: 9W			EPOCH YEAR: 2020		
MINIMUMS															
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	595	2400	211	595	2400	211	595	2400	211	595	2400	211			
LNAV/VNAV DA	792	5000	408	792	5000	408	792	5000	408	792	5000	408			
LNAV MDA	880	2400	496	880	2400	496	880	4000	496	880	5000	496			
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 -15C (5F) OR ABOVE 48C (118F). @ CAT D 800-2 1/2 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 435 TDZE: 384		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
RALEIGH/DURHAM, NC		AIRPORT NAME:		RALEIGH-DURHAM INTL		RNAV (GPS) Y RWY 5L, AMDT 1B, 05/24/2018				AMDT: 1A					
										DATED 03/08/2012					



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE 05/24/2018								
COORDINATED WITH: <table style="width:100%; margin-top: 10px;"> <tr> <td style="text-align: center;">A4A <input type="checkbox"/></td> <td style="text-align: center;">ALPA <input checked="" type="checkbox"/></td> <td style="text-align: center;">AOPA <input checked="" type="checkbox"/></td> <td style="text-align: center;">APA <input checked="" type="checkbox"/></td> <td style="text-align: center;">HAI <input type="checkbox"/></td> <td style="text-align: center;">NBAA <input checked="" type="checkbox"/></td> <td style="text-align: center;">OTHER (specify) <input checked="" type="checkbox"/> <u>AIRPORT MANAGER, ZDC, RDU ATC</u></td> </tr> </table>				A4A <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	APA <input checked="" type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> <u>AIRPORT MANAGER, ZDC, RDU ATC</u>
A4A <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	APA <input checked="" type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> <u>AIRPORT MANAGER, ZDC, RDU ATC</u>				
FLIGHT CHECKED BY <i>Digitally signed by</i>										
NAME:	PENDING	ALLAN WILL Apr 16, 2018	FIFO DATE:							
DEVELOPED BY										
NAME:	BRYAN BLUE <i>Digitally signed by</i> BRYAN W BLUE Apr 13, 2018	FIFO AJV-5411	DATE: 10/11/2017							
NAME:	GEORGE E. DAVIS	ALLAN WILL <i>Digitally signed by</i> MANAGER Apr 16, 2018	FIFO AJV-5410 DATE:							
CHANGES: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> 1. INCORPORATED PUBLISHED P-NOTAM 2/3148 IN ACTIVE PROCEDURE FOLDER, AMDT 1 TO AMDT 1A. ADDED CHART NOTES: SIMULTANEOUS APPROACH AUTHORIZED, USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS AND LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. 2. CHANGED MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 2200 DIRECT IGAYA AND ON TRACK 338.68 TO DUHAM AND HOLD. 3. CHANGED AIRPORT MAGVAR FROM W7/1985 TO W9/2020 . 4. CHANGED ALL HEADINGS, COURSES, AND TRACKS +2 DEGREES. 5. UPDATED ALL LNAV HATS, LPV DA CHANGE TO 595 AND LNAV/VNAV CHANGED TO 880. 6. LPV DA RAISED FROM 596 TO 595 AND LNAV/VNAV RAISED FROM 793 TO 792. 7. DELETED DME/DME NOTE AND ADDED PBN REQUIREMENTS NOTE. 8. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA AND CHANGE CAT C MINIMUMS FROM MDA 960/HAA 525 TO MDA 1040/HAA 605 AND CAT D FROM MDA 1060/HAA 625 TO MDA 1180/HAA 745. CAT C VISIBILITY CHANGED FROM 1-1/2 TO 1-3/4 AND CAT D VISIBILITY FROM 2 TO 2 1/2. 9. CHANGED CRC REMAINDER FROM E823F5A8 TO 6B235316. </div>										
REASONS: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> 1. REASON FOR NOTAM - AS DIRECTED BY ATO AJW-372 AND IAW 8260.19E. 2. CHANGED "VIA" TO "ON", VIA NO LONGER USED. CLIMB TO RAISED FROM 2100 TO 2200 DUE TO A PREVIOUSLY AMENDMENT -2 FOR FIX DUHAM THE MINIMUM HOLDING WAS CHANGED FROM 2100 TO 2200. NO NEED FOR FLIGHT CHECK, DOES NOT CHANGE FLIGHT TRACK, THIS HAS BEEN VERIFIED. 3. AIRPORT CAT II/III MAGVAR UPDATE INITIATIVE. 4. AIRPORT MAGVAR UPDATED FROM W7/1985 TO W9/2020. 5, 6. DUE TO NEW AIRNAV DATA TDZE CHANGED FROM 385 TO 384. 7. IAW 8260.19H 8-6-8. 8. FAAO 8260.3C, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA FROM THE ILS OR LOC RWY 5R, AMDT 29. 9. UPDATED COURSE WIDTH AT THRESHOLD, FROM 106.50 TO 106.75, UPDATED TRESHOLD COORDINATES AND LENGTH OFFSET. </div>										
04/13/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/22/2018. (BWB) 1. ON PAGE 1 OF 3, 8260-3, UNDER LNAV MDA MINIMUMS, CHANGED RVR CAT B FROM 2200 TO 2400.										

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
595 MSL	IGAYA (DF) (FB) (RNP 1.00)		
IGAYA	DUHAM (TF) (FO) (RNP 1.00)	338.68 / 8.93	2200

NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).

PBN REQUIREMENTS NOTE: RNP APCH.

TAA

	FROM	TO	ALT
1.	324/30 CW 144/30 (NOPT)	SCHOO (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: 384

AIRPORT NAME:

RALEIGH-DURHAM INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 5L, AMDT 1B, 05/24/2018

SUP:

AMDT: 1A

DATED: 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: A4A ALPA APA AOPA HAI NBAA OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRDU
RUNWAY	RW05L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	355228.0160N
LTP/FTP LONGITUDE	0784807.0690W
LTP/FTP ELLIPSOIDAL HEIGHT	+00798
FPAP LATITUDE	355337.7655N
FPAP LONGITUDE	0784640.9195W
THRESHOLD CROSSING HEIGHT (TCH)	00057.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 6B235316

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01118
FPAP ORTHOMETRIC HEIGHT	+01118

QUALITY
4
CHECKED

CITY AND STATE RALEIGH/DURHAM, NC	ELEVATION: 435 TDZE: 384 AIRPORT NAME: RALEIGH-DURHAM INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 5L, AMDT 1B, 05/24/2018	SUP:
				AMDT: 1A
				DATED: 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: A4A ALPA APA AOPA HAI NBAA OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	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.			
STRAIGHT-IN AREA		324/30 CW 144/30		SCHOO		1. TOWER (37-001034)		353044.00N/0785841.00W		2149 (3C)		1000		AT251		3400			
						2. TERRAIN		355651.00N/0792606.00W		991 (1000)				AS1500		2500			
LEFT BASE AREA		144/30 CW 234/30		FOGAP		3. TOWER (37-000083)		355200.00N/0791000.00W		2049 (1D)		1000		AT351		3400			
						4. TERRAIN		361445.00N/0792451.00W		936 (900)				AS1500		2400			
RIGHT BASE AREA		234/30 CW 324/30		MUTSE		5. TOWER (37-002504)		354029.00N/0783139.00W		2349 (1A)		1000				3400			
						6. TERRAIN		360427.00N/0783230.00W		578 (600)				AS1500		2100			
INITIAL		MUTSE		SCHOO		7. TOWER (37-000061)		353642.00N/0784825.00W		832 (5D)		1000		AT1568		3400			
						8. TERRAIN		353803.00N/0785106.00W		509 (500)				AS1500		2000			
INITIAL		FOGAP		SCHOO		9. AAO		355045.00N/0790303.00W		883 (4E)		1000		AT1517		3400			
						10. TERRAIN		355045.00N/0790303.00W		683 (700)				AS1500		2200			
INTERMEDIATE		SCHOO (IF/IAF)		WEPAS		11. AAO		354715.00N/0785224.00W		650 (4E)		500		DG852 AC98		2100			
						12. TERRAIN		354715.00N/0785224.00W		450 (500)				AS1500		2000			
FINAL: LPV		WEPAS		RW05L								ASC		MA11		595/211			
2. HOLD-IN-LIEU-OF-PT		SCHOO		P-5		15. COOL TWR		353805.00N/0785704.00W		786 (5D)		1000		AT1614		3400			
						(37-000881)													
						16. TERRAIN		354403.00N/0790439.00W		565 (600)				AS1500		2100			
3. MISSED APPROACH		MAP: DA / DA / RW05L		DUHAM		17. ATCT (37-001244)		355252.00N/0784709.00W		659 (1A)		ASC				2200			
		ELEV: 414/511/630				18. TOWER (37-001060)		355840.00N/0784857.00W		838 (4D)		1000				1900			
						19. TERRAIN		355548.00N/0784415.00W		545 (500)				AS1500		2000			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED ACTUAL		525		17. ATCT (37-001244)		355252.00N/0784709.00W		659 (1A)		300		960			
CATEGORY B		1.5 NM				525		17. ATCT (37-001244)		355252.00N/0784709.00W		659 (1A)		300		960			
CATEGORY C		1.7 NM				605		18. TANK (37-002936)		355507.34N/0784438.39W		678 (4D)		300		AC50		1040	
CATEGORY D		2.3 NM				745		19. TOWER (37-001697)		355635.00N/0784840.00W		813 (5D)		300		AC50		1180	
CATEGORY E		4.5 NM																	
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID:																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
CITY AND STATE		ELEVATION: 435		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION											
RALEIGH/DURHAM, NC		AIRPORT NAME: RALEIGH-DURHAM INTL		RNAV		RNAV (GPS) Y RWY 5L, AMDT 1B, 05/24/2018		ASO											

QUALITY
4

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. VGSI DATA: 3.00/72 BLOCK 3: ALTIMETER SETTING SOURCE: KRDU DISTANCE: ON FIELD ASOS IS ON SERVICE A NO BACK-UP ALTIMETER DUE TO REDUNDANT RESOURCES. ISA TEMP -30C ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.82NM CAT C: 2.86NM CAT D: 3.74NM NO ADDITIONAL AIRSPACE REQUIRED. LPV SLOPE: 34:1 LNAV/VNAV SLOPES: INNER 23.4:1, OUTER 34:1 INITIAL LEG LENGTHS FOR TAA BASED ON FUTURE DEVELOPMENT OF RNAV STARS. DUE TO THE NUMEROUS CHANGES OF AFS-420 CALCULATORS FOR MINIMUM LEG LENGTHS, THE CALCULATOR USED AT THE TIME OF DEVELOPMENT REQUIRED A MINIMUM LEG LENGTH OF ALMOST 10NM. DISCUSSION WITH 101 AND 110 MANAGEMENT RESULTED IN KEEPING LAST COMPUTED LEG LENGTH WICH EXCEEDED THE 8260.45 MAXIMUM OF 10NM BY .58NM USING DOWNWINDS FURTHER FROM THE PARALLEL RUNWAY.															
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																	
RDU APP CON RDU TOWER ZDC ARTCC				N W S		OTHER: ASOS		SOURCE:KRDU																	
								DISTANCE:																	
								HOURS REMOTE OPERATION: 24																	
SATISFACTORY ON:																									
X	V	H	F	X	U	H	F	LOCATION: KRDU												ADJUSTMENT: 0					
4. MONITOR STATUS		PRIMARY NAVAID:																							
		MONITOR POINT:																							
		HRS OPTN:		CAT 1				CAT 3																	
5. APPROACH & RUNWAY LIGHTING		X		ALSF-2 23R																					
				(S) SALS																					
		X		MALSR 05L, 05R, 23L																					
		X		HIRL 05L, 05R, 23L, 23R																					
		X		MIRL 14, 32																					
		X		REIL 32																					
		X		TDZ 05L, 23L, 23R																					
		X		C/L 05L, 05R, 23L, 23R																					
6. RUNWAY MARKINGS				BASIC																					
				ALL WEATHER PIR-G 05L, 05R, 23L, 23R																					
				INSTRUMENT NPI-G 14, 32																					
7. RUNWAY VISUAL RANGE				APPROACH 05L, 05R, 23L, 23R																					
				MIDFIELD 05L, 23R																					
				ROLL OUT 05L, 05R, 23L, 23R																					
8. GLIDE PATH						GP ANGLE: 3.00				ELEV RWY THRESHOLD:366.8															
						DISTANCE FROM RWY:				ELEV GP ANTENNA:															
						THRESHOLD CROSSING HEIGHT:57.4																			
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD															
				X		ON CENTERLINE				FT. FROM CENTERLINE															
10. WAIVERS: NONE																									
PART D - PREPARED BY: BRYAN BLUE								DATE: 10/11/2017																	
TITLE: AERONAUTICAL INFORMATION SPECIALIST								OFFICE: AJV-5411																	



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	