

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: RW12 CLIMB TO 8300 DIRECT WOLAT AND RIGHT TURN ON TRACK 228.51 TO CISED AND ON TRACK 316.88 TO THESE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 074.31 INBOUND. FAS OBST: 4539 AAO 454933N/1111336W. DISTANCE TO THLD FROM 250 HAT: 0.68 NM. CHART VDP AT 1.51 NM TO RW12* *LNAV ONLY. WAAS CHANNEL # 72816 REFERENCE PATH ID: W12A CHART CIRCLING ICON. LTP HAE: 1337.3 M					
HIA VOR/DME		HEBIV (TF) (FB) (RNP 2.00)		065.36 / 19.00				9500							
HEBIV		THESE (TF) (FB) (RNP 2.00)		065.66 / 7.87				8300							
LVM VOR/DME		QIVHY (TF) (FB) (RNP 2.00)		278.01 / 32.00				12300							
QIVHY		FEVIM (TF) (FO) (RNP 2.00)		277.51 / 10.93				9000							
RANEY		POPWI (TF) (FB) (RNP 2.00)		340.34 / 14.00				10000							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW FEVIM, RT, 122.59 INBOUND, 8000 FT. IN LIEU OF PT (IAF) 3. FAC: 122.67 FAF: OLENY DIST FAF TO MAP: 7.15 THLD: 7.15 4. MIN. ALT: FEVIM 8000, HAYCI 7300, OLENY 6800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 6800 GS ALT AT: OLENY 6800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.5 34:1 IS CLEAR 8. MSA FROM: RW12 12300															
										MAG VAR: 13E			EPOCH YEAR: 2010		
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	4693	1/2	250	4693	1/2	250	4693	1/2	250	4693	1/2	250			
LNAV/VNAV DA	5094	1 3/4	651	5094	1 3/4	651	5094	1 3/4	651	5094	1 3/4	651			
LNAV MDA	4960	1/2	517	4960	1/2	517	4960	1	517	4960	1 1/4	517			
CIRCLING	4960	1	487	4960	1	487	5160	2	687	5360	3	887			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (14F) OR ABOVE 49C (121F). @ CAT D 900-2 CHART NOTE: RNAV 1-DME/DME/IRU OR GPS REQUIRED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LVM VOR/DME AIRWAY RADIALS 009 CW 187. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT THESE ON V343 NORTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GODFE ON V365-536 NORTHWEST BOUND.															
CITY AND STATE		ELEVATION: 4473 TDZE: 4443				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BOZEMAN, MT		AIRPORT NAME:						RNAV (GPS) Y RWY 12, ORIG-B				AMDT: ORIG-A			
		BOZEMAN YELLOWSTONE INTL										DATED 11/15/2012			

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
				ROUTINE	
COORDINATED WITH:					
A4A <div><input type="checkbox"/></div>	ALPA <div><input checked="" type="checkbox"/></div>	AOPA <div><input checked="" type="checkbox"/></div>	APA <div><input checked="" type="checkbox"/></div>	HAI <div><input type="checkbox"/></div>	NBAA <div><input checked="" type="checkbox"/></div>
OTHER (specify)				<div>ZLC, BIG SKY APP CON, BZN ATCT, AMGR.</div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>ROBERT W. COOK</div>				FIFO <div>AJV-5412</div>	DATE: <div>12/11/2017</div>
APPROVED BY					
NAME: <div>GEORGE E. DAVIS</div>				FIFO <div>AJV-5410</div>	DATE:
MANAGER					
CHANGES:					
<div>1. INCREASED CATS C/D CIRCLING MDA/HAA/VISIBILITY FROM: CAT C: 4960/487/1-1/2, TO: 5160/687/2; CAT D FROM: 5040/567/2, TO: 5360/887/3. ADDED CHART CIRCLING ICON IN ADDITIONAL DATA.</div> <div>2. DELETED CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV DA ALL CATS VISIBILITY TO 1 MILE.</div> <div>3. DELETED CHART NOTE: DME/DME RNP-0.3 NA.</div> <div>4. ADDED CHART NOTE: RNAV 1-DME/DME/IRU OR GPS REQUIRED.</div> <div>5. REMOVED CHART FAS OBSTACLE: 4455 POLE 454715N/1111010W IN ADDITIONAL FLIGHT DATA.</div> <div>6. FPAP FAS DATA CHANGED FROM: 454608.1700N/1110823.4200W TO: 461300.4835N-1110830.8140W.</div> <div>7. FAS DATA CRC REMAINDER CHANGED FROM: 648101BC TO: 2A70784A.</div> <div>8. DELETE CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LVM VOR/DME ON V2 SOUTHEAST BOUND AND AT THESE ON V343 NORTHWEST BOUND AND AT GODFE ON V365-536 NORTHWEST BOUND.</div> <div>9. ADDED CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVAL ON LVM VOR/DME AIRWAY RADIALS 009 CW 187., PROCEDURE NA FOR ARRIVALS AT THESE ON V343 NORTHWEST BOUND., PROCEDURE NA FOR ARRIVALS AT GODFE ON V365-536 NORTHWEST BOUND.</div>					
REASONS:					
<div>1, 2. NEW TERPS VISIBILITY TABLES/REQUIRED NOTES. RWY'S 11/29 LENGTHENED AND RESURFACED. TERPS CHANGE 21 CIRCLING CRITERIA. IDENTIFY NEW CONTROLLING OBSTACLES.</div> <div>3, 4. FAAO 8260.19H, PARAGRAPH 8-6-8.</div> <div>5. IDENTIFY NEW FAS CONTROLLING OBSTACLE.</div> <div>6, 7. NEW KBZN SURVEY DATA.</div> <div>8, 9. CRITERIA, PROCEDURE ENTRY NOTES UPDATED.</div>					

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
POPWI	FEVIM (TF) (FO) (RNP 2.00)	340.31 / 12.50	8000
THESE (IAF)	FEVIM (NOPT) (TF) (FB) (RNP 1.00)	074.31 / 5.91	8000
GODFE (IAF)	FEVIM (NOPT) (TF) (FB) (RNP 1.00)	162.51 / 18.51	8000
FEVIM (IF/IAF)	HAYCI (TF) (FB) (RNP 1.00)	122.59 / 4.80	7300
HAYCI	OLENY (TF) (FB) (RNP 1.00)	122.65 / 2.05	6800
OLENY (FAF)	RW12 (MAP) (TF) (FO) (RNP 0.30)	122.67 / 7.15	
RW12 (MAP)	4693 MSL (CA)		
4693 MSL	WOLAT (DF) (FB) (RNP 1.00)		
WOLAT	CISED (TF) (FB) (RNP 1.00)	228.51 / 10.00	8300
CISED	THESE (TF) (FO) (RNP 1.00)	316.88 / 21.29	8300

QUALITY
14
CHECKED

CITY AND STATE BOZEMAN, MT	ELEVATION: 4473 TDZE: 4443 AIRPORT NAME: BOZEMAN YELLOWSTONE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 12, ORIG-B	SUP:
				AMDT: ORIG-A
				DATED: 11/15/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <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	KBZN
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	454717.1070N
LTP/FTP LONGITUDE	1110959.3340W
LTP/FTP ELLIPSOIDAL HEIGHT	+13373
FPAP LATITUDE	461300.4835N
FPAP LONGITUDE	1110830.8140W
THRESHOLD CROSSING HEIGHT (TCH)	00052.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 2A70784A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+13487
FPAP ORTHOMETRIC HEIGHT	+13487

QUALITY
14
CHECKED

CITY AND STATE BOZEMAN, MT	ELEVATION: 4473 AIRPORT NAME: BOZEMAN YELLOWSTONE INTL	TDZE: 4443 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 12, ORIG-B	SUP:
				AMDT: ORIG-A
				DATED: 11/15/2012

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <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.			
FEEDER		HIA VOR/DME		HEBIV		1. AAO		455636.00N/1120203.00W		7326 (4E)		2000		AT174		9500			
						2. TERRAIN		455636.00N/1120203.00W		7126 (7100)				AS1500		8600			
FEEDER		HEBIV		THESE		3. AAO		455139.00N/1114503.00W		5958 (4E)		2000		AT342		8300			
						4. TERRAIN		455301.60N/1113931.30W		5488 (5500)				AS1500		7000			
FEEDER		LVM VOR/DME		QIVHY		5. AAO		455341.80N/1105801.20W		9850 (4E)		2000		AT450		12300			
						6. TERRAIN		455341.80N/1105801.20W		9650 (9700)				AS1500		11200			
FEEDER		QIVHY		FEVIM		7. AAO		455921.00N/1111754.00W		6664 (4E)		2000		AT336		9000			
						8. TERRAIN		455921.00N/1111754.00W		6464 (6500)				AS1500		8000			
FEEDER		RANEY		POPWI		9. AAO		453139.00N/1111906.00W		7451 (4E)		2000		AT549		10000			
						10. TERRAIN		453139.00N/1111906.00W		7251 (7300)				AS1500		8800			
FEEDER		POPWI		FEVIM		11. AAO		455730.00N/1111815.00W		5699 (4E)		2000		AT301		8000			
						12. TERRAIN		455730.00N/1111815.00W		5499 (5500)				AS1500		7000			
INITIAL		THESE		FEVIM		13. AAO		460030.00N/1113021.00W		5867 (4E)		1000		AT1133		8000			
						14. TERRAIN		460030.00N/1113021.00W		5667 (5700)				AS1500		7200			
2. HOLD-IN-LIEU-OF-PT		FEVIM		P-10		7. AAO		455921.00N/1111754.00W		6664 (4E)		1000		PR97		7800			
						8. TERRAIN		455921.00N/1111754.00W		6464 (6500)				AS1500		8000			
3. MISSED APPROACH	MAP:		DA / DA / RW12		THESE		27. GRN ELEVTR (30-		454625.56N/1111019.96W		4583 (1B)		ASC		AC10 XP10		8300		
	ELEV:		4481/4766/4652				15. AAO		454419.01N/1105954.95W		6079 (2C)		1000				7100		
							16. TERRAIN		454419.01N/1105954.95W		5879 (5900)				AS1500		7400		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	487	24. VERT STRU (30-		454544.49N/1110853.78W		4627 (1B)		300		SI		4960	
CATEGORY B		1.5 NM			450		487	24. VERT STRU (30-		454544.49N/1110853.78W		4627 (1B)		300		SI		4960	
CATEGORY C		1.7 NM			450		687	25. TWR (30-000058)		454610.00N/1111330.00W		4797 (5D)		300		AC50		5160	
CATEGORY D		2.3 NM			550		887	26. AAO		454457.27N/1110247.40W		5059 (2C)		300				5360	
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		AAO		185/26.6		11240 (4E)		12300											
CITY AND STATE				ELEVATION: 4473				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
BOZEMAN, MT				AIRPORT NAME: BOZEMAN YELLOWSTONE INTL				RNAV				RNAV (GPS) Y RWY 12, ORIG-B				ANM			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. CRITICAL TEMPERATURES: CRITICAL LOW :-23C (-14F) CRITICAL HIGH :+49C (+121F) ACT :-23C APT ISA :+6.14C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 1016 HIGH TEMP 1186. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.38NM CAT B: 1.97NM CAT C: 3.12NM CAT D: 4.09NM NO ADDITIONAL AIRSPACE REQUIRED. NON-SURVEYED VEGETATION INSIDE 5 NM FROM KBZN 30 FEET AS PER WFPT. LNAV MISSED APPROACH OBSTACLE: #25. 5659 MSL AAO (2C) 454414.55N/1110025.82W. KBZN ASOS ON WMSCR AND CONSIDERED RELIABLE. NO SUITABLE BACK-UP ALTIMETER SOURCE AVAILAVLE OR REQUIRED. OBSTACLE # 24 FULL DESCRIPTION: VERTICAL STRUCTURE (30-021374). VISUAL PORTION OF FINAL PENETRATIONS: CIRCLING RWY 11: 20:1 4462 WIND INDICATOR (30-021066) 454656.22N/1110915.59W (11.84) INDICATES NOT LIT. XP OBST # 22 CURRENT PUBLISHED MINIMUMS. XP OBST # 27 CURRENT PUBLISHED MINIMUMS. XP OBST # 23 CURRENT PUBLISHED MINIMUMS. LPV XP: CURRENT PUBLISHED MINIMUMS.																			
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING									
ZLC ARTCC BZN TOWER							N W S		OTHER: ASOS											SOURCE:KBZN									
							F A A													DISTANCE:									
							A / C													HOURS REMOTE OPERATION:									
SATISFACTORY ON:																				LOCATION: KBZN					ADJUSTMENT: 0				
4. MONITOR STATUS		PRIMARY NAVAID:																											
		MONITOR POINT:																											
		HRS OPTN:		CAT 1				CAT 3																					
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
		X		MALSR 12 (PCL)																									
		X		HIRL 12 (PCL), 30 (PCL)																									
				MIRL																									
		X		REIL 30 (PCL)																									
				TDZ																									
				C/LINE																									
6. RUNWAY MARKINGS				BASIC BSC-G 11, 21, 29; -F 03																									
				ALL WEATHER PIR-F 12, 30																									
				INSTRUMENT																									
7. RUNWAY VISUAL RANGE				APPROACH																									
				MIDFIELD																									
				ROLL OUT																									
8. GLIDE PATH				GP ANGLE: 3.00				ELEV RWY THRESHOLD:4424.9																					
				DISTANCE FROM RWY:				ELEV GP ANTENNA:																					
				THRESHOLD CROSSING HEIGHT:52.5																									
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD																			
				X		ON CENTERLINE				FT. FROM CENTERLINE																			
10. WAIVERS: NONE																													
PART D - PREPARED BY: ROBERT W. COOK										DATE: 12/11/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412																			



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	GODFE	FEVIM	17. AAO	455748.00N/1112112.00W	5706 (4E)	1000	AT1294	8000
			18. TERRAIN	455748.00N/1112112.00W	5506 (5500)		AS1500	7000
INTERMEDIATE	FEVIM (IF/IAF)	HAYCI	7. AAO	455921.00N/1111754.00W	6664 (4E)	500	AC98	7300
			8. TERRAIN	455848.00N/1111842.00W	6123 (6100)		AS1000	7100
INTERMEDIATE:	HAYCI	OLENY	19. AAO	455527.73N/1111731.15W	5441 (2C)	500	AT859	6800
STEPDOWN			20. TERRAIN	455539.00N/1111624.00W	5345 (5300)		AS1500	6800
FINAL: LPV	OLENY	RW12				ASC	XP50	4693/250
FINAL: LNAV/VNAV	OLENY	RW12	22. POLE (30-000346)	454715.00N/1111011.00W	4459 (1A)		MA85 XP389	5094/651
FINAL: LNAV	OLENY	RW12	23. AAO	454933.00N/1111336.00W	4539 (2C)	250	XP113 XL58	4960
3. MISSED APPROACH	MAP:							
	ELEV:							
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.						
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL				
CATEGORY B	1.5 NM		450					
CATEGORY C	1.7 NM		450					
CATEGORY D	2.3 NM		550					
CATEGORY E	4.5 NM		550					
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVID:				
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
CITY AND STATE		ELEVATION: 4473		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION
BOZEMAN, MT		AIRPORT NAME: BOZEMAN YELLOWSTONE INTL		RNAV		RNAV (GPS) Y RWY 12, ORIG-B		ANM

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:	

