

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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.								
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO			COURSE AND DISTANCE			ALTITUDE		MAP: 5.10 MILES AFTER CROAM INT/I-MAC 5.80 DME OR AT UZNOM/I-MAC 0.70 DME FIX					
FOBES/MCN 12.00 DME CW (IAF)		MOBSE INT/I-MAC 12.00 DME			12.00 DME ARC (MCN LR-312)			2100		CLIMBING LEFT TURN TO 2200 ON MCN VORTAC R-028 TO MURVE INT/MCN 17.00 DME AND HOLD.					
MOBSE INT/I-MAC 12.00 DME (IF)		CROAM INT/I-MAC 5.80 DME			104.50 / 6.20 (I-MAC)			2100							
										ADDITIONAL FLIGHT DATA: HOLD NE, RT, 208.00 INBOUND. CHART FAS OBST: 710 TOWER 325010N/0833758W CHART 1085 TOWER 325043N/0834028W. CHART: LOC/AZIMUTH OFFSET 2.48 DEGREES. CHART MIDDLE GEORGIA RGNL ASOS. CHART MCN R-300 AT FOBES. CROAM TO RW10: 3.04/40. CHART CIRCLING ICON. FAC CROSSES RWY C/L EXTENDED 3173 FT FROM THLD.					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 6W EPOCH YEAR: 2020					
2. PROFILE STARTS AT MOBSE															
3. FAC 104.50 FAF CROAM INT/I-MAC 5.80 DME DIST FAF TO MAP 5.10 THLD 5.10															
4. MIN. ALT MOBSE 2100, CROAM 2100															
8. MSA FROM: MCN VORTAC 2600															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X						
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-10	1060	1	630	1060	1	630	1060	1 3/4	630	1060	1 3/4	630			
CIRCLING	1200	1	763	1200	1	763	1320	2 3/4	883	1480	3	1043			
NOTES: CHART NOTE: USE MIDDLE GEORIGIA RGNL ALTIMETER SETTING; WHEN NOT RECEIVED, USE ROBINS AFB ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET. CHART NOTE: NIGHT LANDING:RWY 15-33 NA. CHART PLANVIEW NOTE: DME REQUIRED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).															
CITY AND STATE MACON, GA		ELEVATION: 437 TDZE: 430 AIRPORT NAME: MACON DOWNTOWN		FACILITY IDENTIFIER: I-MAC		PROCEDURE NO./AMDТ NO./EFFECTIVE DATE: LOC RWY 10, AMDТ 8				SUP AMDТ DATE		18 7A 12/11/2014			

ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES <div>SEE CHANGES</div>		REQUIRED EFFECTIVE DATE <div>ROUTINE</div>	
COORDINATED WITH: <div><div>ATA<input checked="" type="checkbox"/></div><div>AAT<input type="checkbox"/></div><div>ALPA<input checked="" type="checkbox"/></div><div>APA<input type="checkbox"/></div><div>AOPA<input checked="" type="checkbox"/></div><div>NBAA<input checked="" type="checkbox"/></div><div>OTHER (specify) ZTL, A-80, AMGR.</div></div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>ROBERT W. COOK</div>				FIFO AJV-5411	DATE: 02/24/2016
APPROVED BY					
NAME: <div>MARLON J. ROBINSON</div> <div>MANAGER</div>				FIFO AJV-5410	DATE:
CHANGES: <div>1. FAS COURSES CHANGED FROM 101.54 TO 104.50. 2. CROAM FAF MOVED 303.48' EAST TO 5.80 DME FIX, MOBSE INTERMEDIATE FIX MOVED 78.91' SOUTHWEST TO 12.00 DME FIX. UZNOM MAP MOVED 255.14' EAST. 3. I-MAC LOCALIZER/AZMUTH OFFSET CHANGED FROM 2.53 DEGREES TO 2.48 DEGREES. 4. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM: CROAM TO RW10 3.04/41', TO: CROAM TO RW10 3.04/40'. 5. CHANGED FAC CROSSES RWY C/L EXTENDED FROM 2901' TO 3173' FROM THLD. 6. ADDED PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT VGSI ANGLE {ANGLE}/TCH {FEET}). 7. RAISE CAT C CIRCLING MDA/HAA/VISIBILITY FROM: 1200/763/2 1/4, TO: 1320/883/2 3/4, CAT D MDA/HAA FROM:1320/883, TO: 1480/1043. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA. 8. DELETE CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 9. LOWERED S-10 CAT C AND D VISIBILITY FROM 1 7/8 TO 1 3/4. DME: 324913.33N / 0833323.84W, OTHER LOC: 324914.89N / 0833323.44W, THIRD PARTY</div>					
REASONS: <div>1, 3, 5. NEW AIRPORT/RUNWAY/I-MAC SURVEY DATA. RWY 10 DISPLACED 255.14' FEET. DECLINATION CHANGE FROM W3 1990 TO W6 2020. 2, 4. CROAM MOVED TO EXACT 5.80 DME TO MAINTAIN NEAR OPTIMUM 3.04/40' FEET DEGREE DESCENT ANGLE/TCH. MOBSE MOVED TO EXACT 12.00 DME PUBLISHED DISTANCE. RWY 10 DISPLACED 255.14', THE PUBLISHED DME DISTANCE DOES NOT CHANGE,(OLD 0.74, NEW 0.70). 6. VGSI ANGLE/TCH CHANGED FROM 3.00/41' TO 3.00/23.3'. VGSI THC NO LONGER MATCHES OPTIMUM TCH OF 40'. 7. APPLIED TERPS CHANGE 21 CIRCLING CRITERIA AND IDENTIFY NEW CONTROLLING OBSTACLES. 8. TERPS 8260.3B, PARA 3.3.2, FIG 3-3C, CAT A/B 20:1 SURFACE CLEAR. 9. CORRECT VISIBILITY FOR 630 HAT.</div>					



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR 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 - KMAC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
FOBES	010	FOBES	IF	FB			MCN							E A
FOBES	020	MOBSE	AF	FB		300.3	MCN		R			AA 02100		EE B
	010	MOBSE	IF	FB			IMAC					AA 02100		E I
	020	CROAM	CF	FB		105.0	IMAC			MCN		AA 02100		E F
	030	UZNOM	CF	FO		105.0	IMAC	3.04				AT 00453		EY M
	040		CA	FB		104.5						AA 00837		M
	050	MURVE	CF	FO		028.0	MCN					AA 02200		EY
	060	MURVE	HM	FO		208.0			R			AA 02200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
MCN	N324128.27	W0833849.86
IMAC (DME)	N324913.33	W0833323.84
FOBES	N324742.18	W0835059.99
MURVE	N325621.79	W0832902.31
CROAM	N325006.24	W0834011.92
MOBSE	N325100.73	W0834728.72
UZNOM	N324921.10	W0833412.71
IMAC (LOC)	N324914.89	W0833323.44

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW10	N324922.44	W0833412.47	00413	40

QUALITY
15
CHECKED

CITY AND STATE MACON, GA	ELEVATION: 437 TDZE: 430	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: LOC RWY 10, AMDT 8	SUP:
	AIRPORT NAME: MACON DOWNTOWN	I-MAC		AMDT: 7A
				DATED: 12/11/2014

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

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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	PART - A OBSTRUCTION DATA
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1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.	
INITIAL: ARC		FOBES/MCN 12.00		MOBSE INT/I-MAC		1. TWR (13-003971)		324836.24N/0835024.74W		923 (4D)		1000				2000	
		DME CW		12.00 DME		2. TERRAIN		324835.51N/0835036.56W		620 (600)				AS1500		2100	
INTERMEDIATE		MOBSE INT/I-MAC		CROAM INT/I-MAC		3. TWR (13-001423)		325043.06N/0834027.52W		1085 (1A)		500				1600	
		12.00 DME		5.80 DME		4. TERRAIN		325439.07N/0834618.07W		560 (600)				AS1500		2100	
FINAL		CROAM INT/I-MAC		5.10 MILES AFTER		5. TOWER (13-000531)		325010.00N/0833758.00W		710 (2D)		250		RA32 AC50		1060	
		5.80 DME		CROAM INT/I-MAC													
				5.80 DME OR AT													
				UZNOM/I-MAC													
				0.70 DME FIX													
2. PROCEDURE TURN		NA															
3. MISSED APPROACH	MAP:		5.10 MILES AFTER		MURVE INT/MCN						ASC				2200		
			CROAM INT/I-MAC		17.00 DME		6. TWR (13-001021)		325348.00N/0833205.00W		1139 (5D)		1000		2200		
	ELEV:		778				7. TERRAIN		325640.50N/0833208.27W		675 (700)				AS1500		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	763	8. TWR (13-000207)		324822.07N/0833231.04W		806 (4D)		300		RA32 AC50	
CATEGORY B		1.5 NM			450		763	8. TWR (13-000207)		324822.07N/0833231.04W		806 (4D)		300		RA32 AC50	
CATEGORY C		1.7 NM			450		883	9. TWR (13-000609)		325017.00N/0833107.00W		923 (4E)		300		RA32 AC50	
CATEGORY D		2.3 NM			550		1043	10. TWR (13-002635)		324552.00N/0833332.00W		1132 (2C)		300		RA32	
CATEGORY E		4.5 NM			550												
5. MINIMUM SAFE ALTITUDES																	
PRIMARY NAVAID: MCN VORTAC																	
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)	
360-360		TWR (13-000320)		123/23.9		1568 (4D)		2600									
CITY AND STATE				ELEVATION: 437				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION	
MACON, GA				AIRPORT NAME: MACON DOWNTOWN				I-MAC				LOC RWY 10, AMDT 8				ASO QUALITY	

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - KMCN IS FULLTIME REMOTE ALTIMETER SOURCE. THRESHOLD DISPLACED 255.14'. PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3, VOLUME 1, 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. MIDDLE GEORIGA RGNL (KMCN) ASOS ON SERVICE-A IS FULL TIME PRIMARY WEATHER/REMOTE ALTIMETER SOURCE FOR THIS PROCEDURE. VDP AND ALTERNATE MINIMUMS NOT AUTHORIZED. KMAC MAG VAR CHANGING FROM W3 1990 TO W6 2020. I-MAC LOCALIZER AZMUTH OFFSET: MACX;LDAD COURSE: (098.50T) 104.50 M RW10X TRUE BEARING: (096.02T) 102.02 M 098.50T - 096.02T = 2.48 DEGREES. RASS PRESSURE PATTERNS SAME KMAC 436.7, KMCN 354.2, DIST: 8.89 NM, RA = 32'. KMAC 436.7, KWRB 294.1, DIST: 10.98 NM, RA = 46'. MISSED APPROACH AND 265 KIAS HOLDING AT MURVE IS A-80 REQUEST. ALTERNATE MISSED APPROACH NOT DEVELOPED, THERE IS NO OTHER SUITABLE OMNI FACILITY OR INTERSECTION AVAILABLE FOR HOLDING, A-80 REQUEST. COURSE REVERSAL NOT DEVELOPED OR REQUESTED FOR THIS PROCEDURE. 8260-19E CHG 1, PARA 2-74 B(3)(A) NOTE APPLIED TO ALL AAO OBSTACLES AND ALL APPROACH SEGMENT AIRSPACE EVALUATIONS. 7 1/2 MINUTE QUADS AND OE/AAA PROGRAM USED TO VERIFY ALL TERRAIN AND AAO OBSTACLE ELEVATIONS TO A (2C) ACCURACY CODE. VGSI ANGLE/TCH DATA: RWY 10: 3.00/23.2', RWY 28: 3.00/22.8'. NON-SURVEYED VEGETATION IS 100' AGL AS PER EST FPO CHECKLIST. TERPS PARAGRAPH 289 APPLIED TO 1085 TOWER 325043N-0834028W. NIGHT LANDING RWY 15-33 NA DUE TO NO SURVEY.																																	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																																			
MCN FSS ATL APP CON ZTL ARTCC						N W S		OTHER: ASOS												SOURCE: KMCN / KWRB																							
						F A A														DISTANCE: 8.91 / 11.01																							
						A / C														HOURS REMOTE OPERATION: 24 / 24																							
SATISFACTORY ON:																				LOCATION: KMCN										ADJUSTMENT: 32 / 46													
4. MONITOR STATUS		PRIMARY NAVAID: I-MAC																																									
		MONITOR POINT: ATL APP CON																																									
		HRS OPTN:		CAT 1		24														CAT 3																							
5. APPROACH & RUNWAY LIGHTING				ALS																																							
				(S) SALS																																							
				MALS																																							
				HIRL																																							
		X		MIRL 10 (PCL), 28 (PCL)																																							
				REIL																																							
				TDZ																																							
				C/LINE																																							
		X		OTHER (SPECIFY) PAPI-4L 28 (PCL) PAPI-4R 10 (PCL)																																							
6. RUNWAY MARKINGS		BASIC BSC-P 15, 33																																									
		ALL WEATHER																																									
		INSTRUMENT NPI-G 10, 28																																									
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 3173										FT. FROM THRESHOLD																											
				X		ON CENTERLINE										FT. FROM CENTERLINE																											
10. WAIVERS: NONE																																											
PART D - PREPARED BY: ROBERT W. COOK										DATE: 02/24/2016																																	
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5411																																	

