Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/06/2008	Task #: 2006120114338301003	Request #: 20061201143383
Procedure: RNAV (GPS) RWY 13 ORIG		Airport ID: K71J	Airport: BLACKWELL FIELD		Reimbursable #:
City: OZARK	ST: AL	GPS #:		Estimated Chart Date: 06/27/2013	FICO #:
Fac ID:	Fac. Type: LP Proc W	Specialist: JEFF RAWDON(Contractor)			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	10/02/2012	01/25/2013	JEFF RAWDON	
QA:	01/25/2013	01/28/2013	CASIMIR TABAKA	
Liaison:	01/28/2013		Spurlin	MAGVAR

MAG VAR PL

Procedure Comments: ENROUTE-NON

Remark Type: INFORMATION

pkg 2 of 4

OZARK, AL BLACKWELL FIELD (K71J) RNAV (GPS) RWY 13, ORIG (LP) ENROUTE-NO FC: 3.19.13 PUB: 5.2.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): WALDO, ORIG; YASUG, ORIG; YEDUY, ORIG.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636.

New

WAAS CH 50232 W13A	APP CRS 125°	Rwy ldg 5152 THRE 358 Apt Elev 358

RNAV (GPS) RWY 13
OZARK / BLACKWELL FIELD (71J)

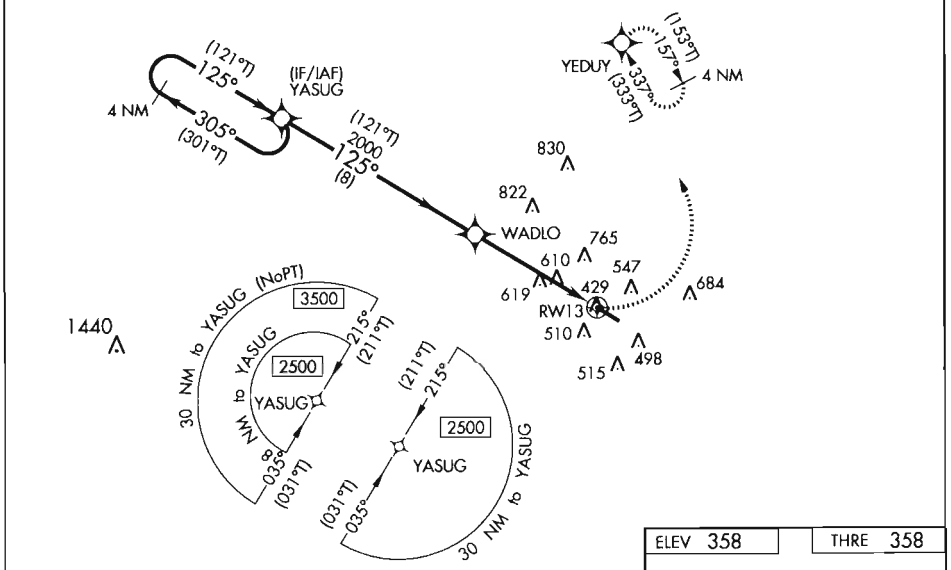
RWY 13 straight-in and circling minimums NA at night.
NA DME/DME RNP-0.3 NA. Use Dothan altimeter setting; when not received, use Cairns AAF altimeter setting. Helicopter visibility reduction below 1 SM NA.
Caution: Extensive helicopter traffic in area.

MISSED APPROACH: Climb to 1600 then climbing left turn to 2000 direct YEDUY and hold.

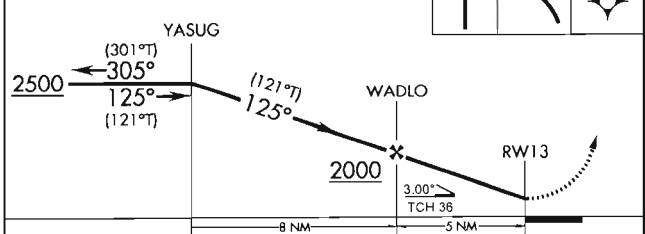
CAIRNS APP CON *	UNICOM
125.4 327.125	122.7 (CTAF) L

PROTOTYPE: NOT FOR NAVIGATION

WALDO: 3128.748N/08542.701W
YASUG: 3132.894N/08550.711W
YEDUY: 3135.504N/08536.594W
RW13: 3126.129N/08537.656W

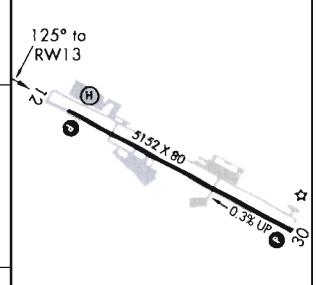


VGSI and descent angles not coincident
(VGSI Angle 3.60/TCH 36).



CATEGORY	A	B	C	D
LP MDA	900-1	542 (600-1)	900-1⅝ 542 (600-1⅝)	NA
LNAV MDA	960-1	602 (700-1)	960-1¾ 602 (700-1¾)	NA
CIRCLING	960-1	602 (700-1)	960-1¾ 602 (700-1¾)	NA

ELEV 358 THRE 358



REIL Rwys 12 and 30 L
MIRL Rwy 12-30 L

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YASUG (IF/IAF)	WADLO (FB)	125.11 / 8.00	2000
WADLO (FAF)	RW13 (MAP) (FO)	125.18 / 5.04	
RW13 (MAP)	1600 MSL	125.18	1600
1600 MSL	YEDUY (FO)		2000

MISSED APPROACH

LP: RW13
LNAV: RW13

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 2000 DIRECT YEDUY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW YASUG, RT, 125.11 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 125.18 FAF: WADLO DIST FAF TO MAP: 5.04 THLD: 5.04
4. MIN. ALT: YASUG 2500, WADLO 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 339.34 INBOUND.
CHART FAS OBST: 610 TWR 312702N/0853919W
CHART FAS OBST: 619 TOWER 312657N/0854002W
CHART R-2103 A&B.
WAAS CHANNEL # 50232
REFERENCE PATH ID: W13A
WADLO TO RW13: 3.00/36.
CHART HUNT STAGEFIELD AHP
CHART DOTHAN ASOS
LTP HAE: 82.5 M

MAG VAR: 4W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

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
LP MDA	900	1	542	900	1	542	900	1 5/8	542		NA				
LNAV MDA	960	1	602	960	1	602	960	1 3/4	602		NA				
CIRCLING	960	1	602	960	1	602	960	1 3/4	602		NA				

NOTES:
CHART NOTE: USE DOTHAN ALTIMETER SETTING; WHEN NOT RECEIVED, USE CAIRNS AAF ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: RWY 13 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: CAUTION: EXTENSIVE HELICOPTER TRAFFIC IN AREA.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 358 THRE: 358	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OZARK, AL	AIRPORT NAME: BLACKWELL FIELD	RNAV	RNAV (GPS) RWY 13, ORIG	AMDT: NONE
				DATED

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] **ZJX, OZR APP CON, ARPT MGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: **DONALD E. SMITH (RODNEY TEMPLETON)**	FIFO **AJV-352**	DATE: **10/31/2012**

APPROVED BY		
NAME: **SUSAN CRUMB** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

ORIGINAL PROCEDURE

REASONS:

FPT REQUEST

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

TAA

	FROM	TO	ALT
1.	035/30 CW 215/30 (NOPT)	035/8 CW 215/8 (FB)	3500
2.	035/8 CW 215/8	YASUG (IF/IAF) (FB)	2500
3.	215/30 CW 035/30	YASUG (IF/IAF) (FO)	2500

QUALITY CHECKED

CITY AND STATE	ELEVATION: 358 THRE: 358	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OZARK, AL	AIRPORT NAME: BLACKWELL FIELD	RNAV	RNAV (GPS) RWY 13, ORIG	AMDT: NONE
				DATED:

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

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:

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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	71J
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	312607.7430N
LTP/FTP LONGITUDE	0853739.3535W
LTP/FTP ELLIPSOIDAL HEIGHT	+00825
FPAP LATITUDE	312521.4520N
FPAP LONGITUDE	0853610.3025W
THRESHOLD CROSSING HEIGHT (TCH)	00035.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1176
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	E1BBE7C4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01091
FPAP ORTHOMETRIC HEIGHT	+01091

QUALITY CHECKED

CITY AND STATE	ELEVATION: 358 THRE: 358	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OZARK, AL	AIRPORT NAME: BLACKWELL FIELD	RNAV	RNAV (GPS) RWY 13, ORIG	AMDT: NONE
				DATED:

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

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

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   WADLO K70    W     N31284488W085424207                      W0035     NAR           WADLO
        SUSAEAENRT   YASUG K70    W     N31325366W085504267                      W0034     NAR           YASUG
        SUSAEAENRT   YEDUY K70    W     N31353023W085363564                      W0036     NAR           YEDUY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 71J K7A71J     0     051YHN31255452W085371392W004000358         1800018000C    MNAR    BLACKWELL FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 71J K7FR13   AYASUG 010YASUGK7EA0EE AR   HF                    12510040    + 02500     18000                A JS
        SUSAP 71J K7FR13   R      010YASUGK7EA0E  I    IF                                + 02500     18000                A JS
        SUSAP 71J K7FR13   R      020WADLOK7EA1E  F 051TF                    12510080    + 02000                          A JS
        SUSAP 71J K7FR13   R      020WADLOK7EA2WALP        N          ALNAV                                                JS
        SUSAP 71J K7FR13   R      030RW13 K7PG0GY M 031TF                    12520050      00393             -300         A JS
        SUSAP 71J K7FR13   R      040         0  M     CA                    1252        + 01600                          A JS
        SUSAP 71J K7FR13   R      050YEDUYK7EA0EY  L   DF                                + 02000                          A JS
        SUSAP 71J K7FR13   R      060YEDUYK7EA0EE  R   HM                    33930040    + 02000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 71J K7GRW13    0051521252 N31260774W085373935-0300    +00825003580000360 80R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 71J K7PR13   RW13 001 0000W13A0N3126077430W08537393535+008250300N3125214520W085361030251067511760 00355F400000E1BBE7C4
        SUSAP 71J K7PR13   RW13 002E      +01091+01091LP        50232
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 358 THRE: 358	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OZARK, AL	AIRPORT NAME: **BLACKWELL FIELD**	**RNAV**	**RNAV (GPS) RWY 13, ORIG**	AMDT: **NONE**
				DATED:

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

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

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	YASUG	YASUG	010	IAF	HF	R	FO		125.1(121.1T)	004.0	AA 02500	
		YASUG	010	FACF	IF		FB				AA 02500	
		WADLO	020	FAF	TF		FB	0.5	125.1(121.1T)	008.0	AA 02000	
		RW13	030	MAP	TF		FO	0.3	125.2(121.2T)	005.0	AT 00393	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		125.2(121.2T)		AA 01600	
	YEDUY	050		DF	L	FO				AA 02000	
	YEDUY	060		HM	R	FO		339.3(335.3T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WADLO	N312844.88	W0854242.07	N3128.748	W08542.701
	YASUG	N313253.66	W0855042.67	N3132.894	W08550.711
	YEDUY	N313530.23	W0853635.64	N3135.504	W08536.594
	RW13	N312607.74	W0853739.35	N3126.129	W08537.656

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00358	36

QUALITY CHECKED

CITY AND STATE	ELEVATION: 358 THRE: 358	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OZARK, AL	AIRPORT NAME: BLACKWELL FIELD	RNAV	RNAV (GPS) RWY 13, ORIG	AMDT: NONE
				DATED:

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

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.
STRAIGHT-IN AREA	035/30 CW 215/30	035/8 CW 215/8	1. TWR (01-000630)	315829.00N/0860944.00W	2467 (5E)	1000		3500
			2. TERRAIN	315557.00N/0860509.00W	676 (700)		AS1500	2200
STRAIGHT-IN AREA	035/8 CW 215/8	YASUG	3. TWR (01-001612)	313413.94N/0854508.92W	856 (1A)	1000	AT644	2500
			4. TERRAIN	313448.00N/0854409.00W	558 (600)		AS1500	2100
STRAIGHT-IN AREA	215/30 CW 035/30	YASUG	5. TOWER (01-000529)	312442.00N/0855733.00W	1440 (4E)	1000	AT60	2500
			6. TERRAIN	315621.00N/0852554.00W	689 (700)		AS1500	2200
INTERMEDIATE	YASUG (IF/IAF)	WADLO	7. AAO	313230.00N/0854730.00W	739 (2C)	500		1300
			8. TERRAIN	313230.00N/0854730.00W	539 (500)		AS1500	2000
FINAL: LP	WADLO	RW13	9. TWR (K71JT0718)	312702.29N/0853919.34W	610 (2C)	250	RA33	900
FINAL: LNAV	WADLO	RW13	10. TOWER (01-002926)	312656.51N/0854001.72W	619 (5D)	250	AC50 RA33	960
2. HOLD-IN-LIEU-OF-PT	YASUG	P-5	11. TWR (01-001959)	313058.00N/0855651.00W	849 (2C)	1000	AT651	2500
			8. TERRAIN	313230.00N/0854730.00W	525 (500)		AS1500	2000
3. MISSED APPROACH — MAP:	RW13	YEDUY				ASC		2000
			12. TWR (01-000842)	313104.00N/0853851.00W	830 (5D)	1000		1900
ELEV:	767/827		13. TERRAIN	313103.00N/0853851.00W	516 (500)		AS1500	2000
			14. TREE	312641.70N/0853617.10W	549 (2C)	300	SI	960
			15. TREE	312733.00N/0853812.00W	559 (2C)	300	SI	960
			16. TWR (K71JT0718)	312702.29N/0853919.34W	610 (2C)	300	RA33	960

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	602
CATEGORY B	1.5 NM	450	602
CATEGORY C	1.7 NM	450	602
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

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: 358 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OZARK, AL	BLACKWELL FIELD	RNAV	RNAV (GPS) RWY 13, ORIG	ASO

QUALITY CHECKED 9

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZJX ARTCC ANB FSS CAIRNS APP CON	N W S F A A A / C OTHER:	SOURCE: KDHN / KOZR DISTANCE: 11.01 / 10.49 HOURS REMOTE OPERATION: 24 / 24
SATISFACTORY ON: X V H F X U H F H F	LOCATION:	ADJUSTMENT: 32 / 33

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 31 (PCL), 13 (PCL)
	X	REIL 13
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 31 (PCL), 13 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 31, 13
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	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (RODNEY TEMPLETON)	DATE: 10/31/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - REMOTE ALTIMETER.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
K71J 358, KDHN 401, KOZR 301
RA = 31.3, RA=32.09.
SEE ATTACHED AIRSPACE LETTER.

SERVICE A: KDHN: YES/KOZR: YES

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
20:1 (ALL PENETRATIONS ARE ON RWY 13)
413 POLE (K71JT0470) 312610.84N/0853746.46W (30.66)
407 POLE (K71JT0464) 312609.47N/0853745.90W (30.33)
417 TREE (K71JT0479) 312615.74N/0853744.21W (30.17)
413 POLE (K71JT0474) 312612.55N/0853745.82W (28.56)
440 TREE (K71JT0507) 312618.75N/0853748.87W (28.02)
394 TREE (K71JT0453) 312607.22N/0853745.35W (25.26)
405 TREE (K71JT0469) 312607.29N/0853748.48W (24.48)
407 TREE (K71JT0478) 312614.60N/0853744.79W (21.01)
376 TREE (K71JT0443) 312612.20N/0853739.58W (15.59)
436 TREE (K71JT0516) 312618.24N/0853751.86W (14.28)
432 TREE (K71JT0510) 312617.11N/0853751.81W (13.43)
385 TREE (K71JT0457) 312612.50N/0853742.52W (12.91)
413 TREE (K71JT0495) 312609.78N/0853752.27W (11.92)
385 TREE (K71JT0463) 312612.50N/0853743.69W (8.58)
426 TREE (K71JT0515) 312614.07N/0853754.70W (4.68)
407 TREE (K71JT0498) 312617.78N/0853747.09W (4.16)
447 TREE (K71JT0548) 312619.07N/0853757.01W (4.03)
394 POLE (K71JT0482) 312614.21N/0853746.21W (3.77)
440 TREE (K71JT0538) 312617.25N/0853756.51W (3.65)
438 TREE (K71JT0539) 312621.11N/0853753.43W (2.95)
393 POLE (K71JT0483) 312609.30N/0853749.72W (2.62)
412 TREE (K71JT0505) 312609.82N/0853754.88W (1.14)
428 TREE (K71JT0525) 312615.56N/0853755.38W (0.26)

34:1
440 TREE (K71JT0507) 312618.75N/0853748.87W (50.29)
417 TREE (K71JT0479) 312615.74N/0853744.21W (42.08)
413 POLE (01-020943) 312610.84N/0853746.46W (40.73)
413 POLE (K71JT0470) 312610.84N/0853746.46W (40.73)
436 TREE (K71JT0516) 312618.24N/0853751.86W (40.56)
413 POLE (01-020945) 312612.55N/0853745.82W (39.49)
413 POLE (K71JT0474) 312612.55N/0853745.82W (39.49)
447 TREE (K71JT0548) 312619.07N/0853757.01W (39.06)
432 TREE (K71JT0510) 312617.11N/0853751.81W (38.41)
407 POLE (01-020941) 312609.47N/0853745.90W (38.06)
407 POLE (K71JT0464) 312609.47N/0853745.90W (38.06)
440 TREE (K71JT0538) 312617.25N/0853756.51W (35.95)
438 TREE (K71JT0539) 312621.11N/0853753.43W (34.72)
405 TREE (K71JT0469) 312607.29N/0853748.48W (33.79)
439 TREE (K71JT0541) 312619.19N/0853755.92W (33.25)
440 TREE (K71JT0549) 312620.53N/0853755.92W (32.19)
445 TREE (K71JT0559) 312622.96N/0853756.79W (31.55)
427 TREE (K71JT0527) 312618.96N/0853752.81W (28.38)
432 TREE (K71JT0537) 312616.29N/0853757.00W (28.36)
438 TREE (K71JT0557) 312621.47N/0853757.43W (25.45)
423 TREE (K71JT0520) 312617.58N/0853753.31W (25.42)
423 TREE (K71JT0526) 312613.36N/0853756.81W (24.29)
424 TREE (K71JT0532) 312619.81N/0853753.49W (22.59)
437 TREE (K71JT0567) 312614.39N/0853803.81W (21.45)
427 TREE (K71JT0545) 312612.96N/0853800.82W (20.17)
436 TREE (K71JT0571) 312622.59N/0853758.99W (18.32)
436 TREE (K71JT0573) 312615.06N/0853804.67W (17.54)
417 TREE (K71JT0528) 312616.57N/0853755.16W (16.94)
CONT.

QUALITY 9 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.

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 NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
OZARK, AL	**ELEVATION: 358** AIRPORT NAME: **BLACKWELL FIELD**	**RNAV**	**RNAV (GPS) RWY 13, ORIG**	**ASO**

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	N W S / F A A / A / C / OTHER:	SOURCE:
		DISTANCE:
		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
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:

PART C - REMARKS:

CONTINUED.

428 TREE (K71JT0555) 312613.75N/0853802.49W (16.31)
434 TREE (K71JT0572) 312624.09N/0853758.15W (15.84)
421 TREE (K71JT0543) 312622.17N/0853753.63W (15.65)
431 TREE (K71JT0565) 312619.42N/0853800.27W (15.42)
437 TREE (K71JT0582) 312623.67N/0853800.28W (14.85)
432 TREE (K71JT0568) 312618.49N/0853801.81W (14.49)
430 TREE (K71JT0566) 312618.48N/0853801.00W (14.27)
411 TREE (K71JT0521) 312610.73N/0853757.77W (14.25)
435 TREE (K71JT0580) 312614.84N/0853805.99W (14.01)
421 TREE (K71JT0550) 312614.04N/0853800.66W (12.85)
432 TREE (K71JT0574) 312621.66N/0853800.51W (12.44)
415 TREE (K71JT0535) 312613.91N/0853758.25W (12.30)
424 TREE (K71JT0556) 312615.63N/0853801.46W (11.66)
407 TREE (K71JT0517) 312616.47N/0853753.34W (11.06)
405 TREE (K71JT0514) 312612.46N/0853755.33W (10.90)
425 TREE (K71JT0563) 312616.48N/0853801.86W (10.48)
441 TREE (K71JT0603) 312626.32N/0853802.71W (9.47)
420 TREE (K71JT0553) 312614.44N/0853801.73W (8.90)
417 TREE (K71JT0551) 312622.51N/0853755.02W (8.10)
414 TREE (K71JT0542) 312614.00N/0853759.69W (8.03)
402 TREE (K71JT0513) 312612.78N/0853755.13W (7.84)
442 TREE (K71JT0609) 312627.00N/0853803.73W (7.20)
432 TREE (K71JT0588) 312623.29N/0853801.78W (7.16)
443 TREE (K71JT0611) 312626.21N/0853804.84W (7.00)
421 TREE (K71JT0561) 312617.38N/0853801.13W (6.68)
431 TREE (K71JT0589) 312615.15N/0853807.30W (6.67)
404 TREE (K71JT0523) 312619.74N/0853751.98W (5.99)
392 POLE (K71JT0501) 312610.46N/0853753.35W (5.30)
482 TREE (K71JT0658) 312637.16N/0853815.87W (5.10)
475 TREE (K71JT0650) 312635.90N/0853814.16W (3.76)
437 TREE (K71JT0608) 312627.91N/0853802.67W (3.11)
436 TREE (K71JT0605) 312625.17N/0853804.41W (2.54)
409 TREE (K71JT0544) 312617.58N/0853757.68W (1.89)
439 TREE (K71JT0613) 312625.24N/0853806.38W (1.14)
432 TREE (K71JT0601) 312624.81N/0853803.56W (0.94)
422 TREE (K71JT0577) 312620.15N/0853802.27W (0.93)
379 POLE (K71JT0489) 312615.69N/0853746.11W (0.02)

UPDATED MAGVAR PER FPT REQUEST (RUNWAY NUMBERS WILL CHANGE FROM 12/30 TO 13/31).

VGSI DATA: 3.60/35.5 TCH

100FT VEGETATION HEIGHT USED PER FPT.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WADLO **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 312844.88N/0854242.07W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13			K71J	OZARK	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 10/29/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (RODNEY TEMPLETON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** SUE CRUMB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: DHN ATCT
OTHER: OZR APP CON

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YASUG **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 313253.66N/0855042.67W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	NW		WP	305.11	125.11	R		4	2500	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-001959)	313058.00N/0855651.00W	849	2D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	K71J	OZARK	AL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 10/29/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (RODNEY TEMPLETON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** SUE CRUMB

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: OZR APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YEDUY **STATE:** AL **COUNTRY:** US

LATITUDE/LONGITUDE: 313530.23N/0853635.64W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

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	S		WP	159.34	339.34	R		4	2000	14000	4	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (01-000393)	314037.68N/0853651.27W	887	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	K71J	OZARK	AL (US)
IAP	RNAV (GPS) RWY 31		1	K71J	OZARK	AL (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/02/2013

DEVELOPED BY: **DATE:** 10/22/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (RODNEY TEMPLETON)

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** SUE CRUMB

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: OZR APP CON
OTHER:

QUALITY CHECKED 9

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **OZARK** STATE: **AL**

AIRPORT NAME: **BLACKWELL FIELD** ID: **71J**

PROCEDURE: **RNAV (GPS) RWY 13** AMDT: **ORIG**

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 **3.04**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **121.18**
4. High Terrain in **FINAL** segment containing 1000' point **407**
5. Distance from **THLD** to 1500' point **4.84**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.26**
7. True Course of **FINAL** segment containing 1500' point **121.18**
8. High Terrain in **FINAL** segment containing 1500' point **407**
9. Threshold Coordinates (if straight-in) ... **312607.74N / 0853739.35W**
10. ARP Coordinates ..... **312554.52N / 0853713.92W**
11. Runway Approach End and distance furthest from ARP.....RWY **13**
    Distance **0.42** NM
12. FAF Coordinates ..... **312818.65N / 0854151.49W**
    (Click to Select)

REMARKS: Approach/Drawing attached. 30 NM YASUG (IF/IAF) 313253.66N/0855042.67W

Federal Aviation Administration

CONCURRENCES
ROUTING SYMBOL AJV-34 SBaker
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-352 DSmith
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-352 SCrumb
INITIALS/SIG
DATE
ROUTING SYMBOL AJV-341 JAlfonso
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Susan L. Crumb, Manager, Eastern Products Team, AJV-352

Subject: **ACTION:** Magnetic Variation Change for Blackwell Field, Ozark, AL (K71J)

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

RNAV (GPS) RWY 13, ORIG
RNAV (GPS) RWY 31, ORIG
TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 2
VOR RWY 31, AMDT 7

Estimated Chart Date: 05/02/2013

Runway Numbers are affected with the airport rotation; 12/30 change to 13/31.

Please publish these changes in the National Flight Data Digest.

ALABAMA

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Is	Epoch Year
Ozark	Blackwell Field	Airport	K71J / 71J	Old 2° West New 4° West	2015

If you have any questions please notify Susan L. Crumb, susan.l.crumb@faa.gov (405-954-8686).

cc: AJV-3rf
sjb:x7537:10/19/2012: (U:\AVN100\PIT\MAGVAR\MAGVAR\MAGVAR Letters 2013\ MV Change for Ozark, AL (K71J)
10-19-12 Requestor: RTempleton, Evaluated By: LFortier