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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUMMO INT/RZC 22.11 DME	ELMIE INT/I-FYV 10.96 DME	040.46 / 15.95 (RZC R-221)	3000
RZC VORTAC (IAF)	ELMIE INT/I-FYV 10.96 DME (NOPT)	220.66 / 6.16	3000
ELMIE INT/I-FYV 10.96 DME (IF/IAF)	HOGGE OM/INT/I-FYV 4.08 DME	166.95 / 6.89 (I-FYV)	2500

MISSED APPROACH

MAP: 2.88 MILES AFTER HOGGE OM/INT/I-FYV 4.08 DME OR AT I-FYV 1.19 DME FIX

CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 4000 HEADING 295 AND DAK VOR/DME R-246 TO SUMMO INT/DAK 12.35 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 4000 HEADING 295 AND RZC VORTAC R-221 TO SUMMO INT/RZC 22.11 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 066.34 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW SUMMO INT/RZC 22.11 DME, RT, 040.66 INBOUND.
CHART FAS OBST: 1540 TREE 360122N/0941011W
CHART: ASR
HOGGE OM TO RW16: 3.92/50.
1677 AAO 360357N/0941130W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ELMIE, RT, 166.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC 166.95 FAF HOGGE OM/INT/I-FYV 4.08 DME DIST FAF TO MAP 2.88 THLD ____
4. MIN. ALT ELMIE 3000, HOGGE OM 2500
8. MSA FROM: DAK VOR/DME 090-180 4500, 180-090 3600

MAG VAR: 2E EPOCH YEAR:2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @ #

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
CIRCLING	2000	1	748	2000	1	748	2000	2 1/4	748	2260	3	1008			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGDALE ALTIMETER SETTING AND INCREASE ALL MDA 40 FT.
CHART NOTE: CIRCLING NA E OF RWY 16-34.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ CAT C 800-2 1/4, CAT D 1100-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1252 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
FAYETTEVILLE, AR	AIRPORT NAME: DRAKE FIELD	I-FYV	LOC-C, ORIG	AMDT NONE
				DATE

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] **ZMV, RZC APP CON, FYV ATCT**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: **JILL OLSON (ROSS F. BARTO)**	FIFO **AJV-353**	DATE: **05/01/2012**

APPROVED BY		
NAME: **LARRY H STROUT**	FIFO **AJV-353**	DATE:

CHANGES:

ORIGINAL PROCEDURE

REASONS:

QUALITY CHECKED

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NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RZC VORTAC AIRWAY RADIALS 150 CW 264.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1252 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE, AR	AIRPORT NAME: DRAKE FIELD	I-FYV	LOC-C, 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

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DAK   K4011525VDTW N36023441W094115123    N36023441W094115123E0070015300     NARDRAKE
        SUSAD        RZC   K4011640VTHW N36144714W094071701    N36144714W094071701E0040013322     NARRAZORBACK
        SUSAD KFYVK4 IFYV  K4011190 IT                     IFYVN35593660W094100539     012580     NARDRAKE FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ELMIE K40    C     N36102366W094123800                    E0021     NAR           ELMIE
        SUSAEAENRT   HOGGE K40    R     N36033761W094110015                    E0020     NAR           HOGGE OM
        SUSAEAENRT   SUMMO K40    R   L N35590075W094262600                    E0022     NAR           SUMMO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYVK4AFYV     0     060YHN36001830W094101220E002001252         1800018000C    MNAR    DRAKE FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYVK4FLOC-C ARZC   010RZC  K4D 0V  A    FC RZC K4      0000000022070042D   + 03000     18000                0 NC
        SUSAP KFYVK4FLOC-C ARZC   020ELMIEK4EA0EE B    CF IFYVK4      3470011022070020PI  + 03000                          0 NC
        SUSAP KFYVK4FLOC-C ASUMMO 010SUMMOK4EA0E       IF                                     18000                0 NC
        SUSAP KFYVK4FLOC-C ASUMMO 020ELMIEK4EA0EY      TF                                 + 03000                          0 NC
        SUSAP KFYVK4FLOC-C ASUMMO 030ELMIEK4EA0EE AR   HF IFYVK4      347001101670T010PI  + 03000                          0 NC
        SUSAP KFYVK4FLOC-C L      010ELMIEK4EA0E  I    IF IFYVK4      34700110        PI  + 03000     18000                0 NC
        SUSAP KFYVK4FLOC-C L      020HOGGEK4EA0E  F    CF IFYVK4      3470004116700069PI  + 02500                DAK   K4D 0 NC
        SUSAP KFYVK4FLOC-C L      030RW16 K4PG0GY M    CF IFYVK4      3470001216700029PI    01301            -392         0 NC
        SUSAP KFYVK4FLOC-C L      040         0  M     CA                      1670        + 02200                          0 NC
        SUSAP KFYVK4FLOC-C L      050         0    R   VIY                     2950                                         0 NC
        SUSAP KFYVK4FLOC-C L      060SUMMOK4EA0EY      CF DAK K4      2463012424630060D   + 04000                          0 NC
        SUSAP KFYVK4FLOC-C L      070SUMMOK4EA0EE  R   HM                      0663T010    + 04000                          0 NC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYVK4GRW16    0060051670 N36004748W094101922-0200    +0353201251000050100RIFYV0

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYVK4IIFYV0   011190RW16 N35593757W0941002421670                 1198     0556   E0020
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1252 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE, AR	AIRPORT NAME: DRAKE FIELD	I-FYV	LOC-C, 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:

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYVK4SDAK  K4D                0   2703600452536027003625                                                                M
```

CITY AND STATE	ELEVATION: 1252 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE, AR	AIRPORT NAME: DRAKE FIELD	I-FYV	LOC-C, 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

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RZC	RZC	010	IAF	FC		FB		220.7()	004.2	AA 03000	
	RZC	ELMIE	020		CF		FB		220.7()	002.0	AA 03000	
	SUMMO	SUMMO	010		IF		FB					
	SUMMO	ELMIE	020		TF		FO				AA 03000	
	SUMMO	ELMIE	030	IAF	HF	R	FO		167.0()	T01.0	AA 03000	
		ELMIE	010	FACF	IF		FB				AA 03000	
		HOGGE	020	FAF	CF		FB		167.0()	006.9	AA 02500	
		RW16	030	MAP	CF		FO		167.0()	002.9	AT 01301	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		167.0()		AA 02200	
		050		VI	R	FB		295.0()			
	SUMMO	060		CF		FO		246.3()	006.0	AA 04000	
	SUMMO	070		HM	R	FO		066.3()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DAK	N360234.41	W0941151.23	N3602.574	W09411.854
	RZC	N361447.14	W0940717.01	N3614.786	W09407.284
	IFYV (DME)	N355936.60	W0941005.39	N3559.610	W09410.090
	ELMIE	N361023.66	W0941238.00	N3610.394	W09412.633
	HOGGE	N360337.61	W0941100.15	N3603.627	W09411.003
	SUMMO	N355900.75	W0942626.00	N3559.013	W09426.433
	RW16	N360047.48	W0941019.22	N3600.791	W09410.320
	IFYV (LOC)	N355937.57	W0941002.42	N3559.626	W09410.040

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	01251	50

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 1252	TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE, AR	AIRPORT NAME: DRAKE FIELD		I-FYV	LOC-C, 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.
FEEDER	SUMMO INT/RZC	ELMIE INT/I-FYV	1. TOWER (05-000875)	360850.00N/0941114.00W	1855 (5D)	1000	AT145	3000
	22.11 DME	10.96 DME	2. TERRAIN	360252.80N/0942553.30W	1620 (1600)		AS1000	2600
INITIAL	RZC VORTAC	ELMIE INT/I-FYV	3. AAO	361236.00N/0940618.00W	1870 (4E)	1000	AT130	3000
		10.96 DME	4. TERRAIN	361236.00N/0940618.00W	1670 (1700)		AS1000	2700
INTERMEDIATE	ELMIE INT/I-FYV	HOGGE	1. TOWER (05-000875)	360850.00N/0941114.00W	1855 (5D)	500		2400
	10.96 DME	OM/INT/I-FYV	5. TERRAIN	360406.00N/0941151.00W	1525 (1500)		AS1000	2500
	(IF/IAF)	4.08 DME						
FINAL	HOGGE	2.88 MILES AFTER	6. TREE (KFYV0122)	360122.18N/0941010.80W	1540 (1A)	250	SA-45	1760
	OM/INT/I-FYV	HOGGE						
	4.08 DME	OM/INT/FYV 4.08						
		DME OR AT 1.19						
		DME FIX						
2. HOLD-IN-LIEU-OF-PT	ELMIE	P-4	1. TOWER (05-000875)	360850.00N/0941114.00W	1855 (5D)	1000		2900
			7. TERRAIN	361351.00N/0940918.00W	1522 (1500)		AS1500	3000
3. MISSED APPROACH — MAP:	2.88 MILES AFTER	SUMMO INT/RZC				ASC		4000
	HOGGE	22.11 DME	8. AAO	355618.00N/0941321.00W	2054	1000		3100
ELEV:	1750		9. TERRAIN	355618.00N/0941321.00W	1854 (1900)		AS1500	3400
			10. TOWER (05-001496)	360104.17N/0941133.29W	1697 (2C)	300		2000
			10. TOWER (05-001496)	360104.17N/0941133.29W	1697 (2C)	300		2000
			10. TOWER (05-001496)	360104.17N/0941133.29W	1697 (2C)	300		2000
			11. TREE	360109.31N/0941304.90W	1959 (2C)	300		2260

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	748
CATEGORY B	1.5 NM	450	748
CATEGORY C	1.7 NM	450	748
CATEGORY D	2.3 NM	550	1008
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: DAK VOR/DME

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
090-180	TWR (05-000424)	142/ 16.0	3449 (4E)	4500					
180-090	TWR (05-001931)	164/ 12.9	2555 (2C)	3600					

CITY AND STATE	ELEVATION: 1252 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FAYETTEVILLE, AR	DRAKE FIELD	I-FYV	LOC-C, ORIG	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZME ARTCC RZC APP CON FYV TOWER	N W S F A A A / C	OTHER: ASOS	SOURCE: KFYV / KASG DISTANCE: 0 / 10.56 HOURS REMOTE OPERATION: 0 / 24
SATISFACTORY ON: X V H F, X U H F, H F	LOCATION: KFYV		ADJUSTMENT: 0 / 40

4. MONITOR STATUS	PRIMARY NAVAID: I-FYV	
	MONITOR POINT: FYV ATCT	
	HRS OPTN: CAT 1	WHEN TOWER OPEN
	HRS OPTN: CAT 3	WHEN TOWER CLOSED
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 16 (PCL), 34 (PCL)
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) ODALS 16 (PCL), 34 (PCL) PAPI-4L 16, 34
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 16, 34
	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	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: JILL OLSON (ROSS F. BARTO)	DATE: 05/01/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - CIRCLING ONLY PROCEDURE.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

STRAIGHT 16 MINIMUMS NA, DESCENT ANGLE EXCEEDS MAXIMUM.

VGSI DATA: 3.00/TCH 50

OBST #6 LOCATED 347 FT INTO SECONDARY AREA.

TERPS PARA 289 APPLIED TO 1677 AAO
360357.00N/0941130.00W

KFYV ASOS AND KASG AWOS ARE ON SERVICE A.

TERPS VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
34:1 PENETRATIONS
1402 TREE (KFYV0127) 360124.53N/0941017.81W (49.63)
1403 TREE (KFYV0128) 360125.21N/0941018.27W (48.43)
1392 TREE (KFYVT0365) 360123.20N/0941017.27W (43.76)
1393 TREE (KFYVT0316) 360124.80N/0941018.35W (39.59)
1374 TREE (KFYVT0375) 360120.97N/0941017.96W (31.95)
1366 TREE (KFYV0115) 360118.68N/0941018.91W (30.19)
1390 TREE (KFYVT0407) 360127.17N/0941017.66W (29.99)
NUMEROUS OTHER 34:1 PENETRATIONS, FPT NOTIFIED

RASS PRESSURE PATTERNS SAME
KFYV 1252, KASG 1353
RA = 38.46.
SEE ATTACHED AIRSPACE LETTER.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 4000
8. AAO 355618.00N/0941321.00W 2054 1000 3100
9. TERRAIN 355618.00N/0941321.00W 1854 (1900) AS1500
3400

RADIO FIX AND HOLDING DATA RECORD

NAME: DRAKE VOR/DME **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 360234.41N/0941151.23W **TYPE:**

INFO ONLY

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	DRAKE	DAK	VOR/DME	T							12000

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	NW	DAK	VOR/DME	319.00	139.00	R	1		3100	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	360109.00N/0941309.00W	2064	4E
1	310	AAO	355439.00N/0940615.00W	2392	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 18 (ALT MISSED)	KASG	SPRINGDALE	AR (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RAZORBACK			KFYV	FAYETTEVILLE	AR (US)
IAP	LDA/DME RWY 34			KFYV	FAYETTEVILLE	AR (US)
IAP	LOC-C			KFYV	FAYETTEVILLE	AR (US)
IAP	VOR-A		1	KFYV	FAYETTEVILLE	AR (US)
IAP	VOR/DME-B		1	KFYV	FAYETTEVILLE	AR (US)
IAP	ILS OR LOC RWY 35			KXNA	FAYETTEVILLE/SPRINGDALE/	AR (US)
IAP	ILS OR LOC/DME RWY17 (ALT MISSED)			KXNA	FAYETTEVILLE/SPRINGDALE/	AR (US)
IAP	VOR-A			KSLG	SILOAM SPRINGS	AR (US)
IAP	ILS OR LOC RWY 18 (ALT MISSED)		1	KASG	SPRINGDALE	AR (US)
IAP	VOR RWY 18			KASG	SPRINGDALE	AR (US)

REQUIRED CHARTING: DP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 05/05/2011

REASON FOR REVISION:
CORRECTED PAT 1 AND 2 CONTROLLING OBSTACLE ID.
ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED REMARK.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/10/2010 **OFFICE:** AVN-120 **NAME:** JOSE ALFONSO (LONNIE EVERHART)

APPROVED BY: **DATE:** 03/31/2011 **OFFICE:** AVN-120 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZME
ATC FACILITY: RZC APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ELMIE **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 361023.66N/0941238.00W **TYPE:** WP, INT, 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	RAZORBACK	RZC	VORTAC	H	220.66	224.66		6.16		3000	5700
2	FAYETTEVILLE	I-FYV	LOC/DME		346.95	348.95	10.96	10.96		3000	5700

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	N	I-FYV	LOC/DME	346.95	166.95	R	1-1 1/2		3000	5700	4	5
2	N		WP	346.93	166.93	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (05-000875)	360850.00N/0941114.00W	1855	5D
2	200	TOWER (05-000875)	360850.00N/0941114.00W	1855	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
RAZORBACK (FAC 1) AND FAYETTEVILLE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC-C	1, 2	1	KFYV	FAYETTEVILLE	AR (US)
IAP	RNAV (GPS) RWY 16		2	KFYV	FAYETTEVILLE	AR (US)
IAP	RNAV (GPS) RWY 34		2	KFYV	FAYETTEVILLE	AR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. ADDED WAYPOINT HOLDING.
2. MOVED HOLDING LIMITED TO HOLDING RESTRICTIONS.
3. ADDED PRECIPITOUS TERRAIN EVALUATION.
4. RAISED MRA FROM 1800 TO 3000.
5. ADDED DISTANCE FROM FAC FOR FAC 1 AND FAC 2.
6. UPDATED FIX USE.
7. ADDED FAC 1 AND FAC 2 USED TO ESTABLISH FIX COORDINATES.
8. RAISED PAT 1 MINIMUM HOLDING FROM 2900 TO 3000, UPDATE PAT 1 CONTROLLING OBSTACLE AND REVISED INBOUND COURSE FROM 164.11 TO 166.95.
9. REVISED FIX COORDINATES, FIX MOVED 271 FT SOUTHEAST.
10. LOWERED PAT 1 MAX HOLDING FROM 8000 TO 5700 AND TEMPLATE FROM 8 TO 5.

DEVELOPED BY: **DATE:** 04/25/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (ROSS BARTO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZME
ATC FACILITY: RAZ APP CON, FYV ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOGGE OM **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 360337.61N/0941100.15W **TYPE:** INT, 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	HOGGE	FY	OM							2500	5700
2	FAYETTEVILLE	I-FYV	LOC/DME		346.95	348.95	4.08	4.07	24732	2500	5700
3	DRAKE	DAK	VOR/DME	T	026.27	033.27		1.26		2500	5700

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

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE HOGGE OM.
ACTUAL FACILITY LOCATION IS 360337.79N/0941058.74W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC-C	1, 2, 3		KFYV	FAYETTEVILLE	AR (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. ADDED DISTANCE FROM FAC FOR FAC 1 AND FAC 2.
2. UPDATED FIX USE.
3. RAISED MRA FROM 2400 TO 2500.
4. CHANGED FAC 1 AND FAC 3 POSITION.

DEVELOPED BY: **DATE:** 04/30/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (ROSS BARTO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: RAZ APP CON, FYV ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RAZORBACK VORTAC **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 361447.14N/0940717.01W **TYPE:**

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	FEET	MRA	MAA
1	RAZORBACK	RZC	VORTAC	H							45000

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	RZC	VORTAC	354.00	174.00	L	1		3000	14000	4	10
2	S	RZC	VORTAC	180.00	360.00	R	1		3000	14000	4	10
3	SE	RZC	VORTAC	137.00	317.00	R	1		3100	14000	4	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	361236.00N/0940618.00W	1870	4E
2	200	AAO	361236.00N/0940618.00W	1870	4E
3	200	TOWER (05-001326)	360739.00N/0935923.00W	2010	4E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUESTED

HOLDING RESTRICTIONS:
HOLDING LIMITEDTO ESTABLISHED PATTERNS.

Info. Only

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BENTON			KVBT	BENTONVILLE	AR (US)
DP	RAZORBACK			KFYV	FAYETTEVILLE	AR (US)
DP	HIGHFILL			KXNA	FAYETTEVILLE/SPRINGDALE/ROGERS	AR (US)
DP	ROGERS			KROG	ROGERS	AR (US)
DP	SPRING			KASG	SPRINGDALE	AR (US)
DP	TULSA			KRVS	TULSA	OK (US)
DP	MEMPHIS			KMEM	MEMPHIS	TN (US)
EN ROUTE	J105					(US)
EN ROUTE	J182					(US)
EN ROUTE	Q128					(US)
EN ROUTE	Q21					(US)
EN ROUTE	Q23					(US)
EN ROUTE	Q36					(US)
EN ROUTE	V13					(US)
EN ROUTE	V140					(US)
EN ROUTE	V527					(US)
EN ROUTE	V63					(US)
EN ROUTE	V72					(US)
IAP	VOR-A		3	KVBT	BENTONVILLE	AR (US)
IAP	VOR/DME-B			KVBT	BENTONVILLE	AR (US)
IAP	RNAV (GPS) RWY 13			K5M5	DECATUR	AR (US)
IAP	VOR/DME RWY 13			K5M5	DECATUR	AR (US)
IAP	LDA/DME RWY 34			KFYV	FAYETTEVILLE	AR (US)
IAP	LOC-C			KFYV	FAYETTEVILLE	AR (US)
IAP	VOR-A			KFYV	FAYETTEVILLE	AR (US)
IAP	ILS OR LOC/DME RWY 17			KXNA	FAYETTEVILLE/SPRINGDALE/ROGERS	AR (US)
IAP	ILS OR LOC/DME RWY 35			KXNA	FAYETTEVILLE/SPRINGDALE/ROGERS	AR (US)
IAP	VOR/DME OR GPS RWY 12			KH34	HUNTSVILLE	AR (US)
IAP	ILS OR LOC RWY 20			KROG	ROGERS	AR (US)
IAP	VOR RWY 02		2	KROG	ROGERS	AR (US)
IAP	VOR/DME RWY 20			KROG	ROGERS	AR (US)
IAP	RNAV (GPS) RWY 18			KSLG	SILOAM SPRINGS	AR (US)
IAP	RNAV (GPS) RWY 36			KSLG	SILOAM SPRINGS	AR (US)
IAP	VOR-A			KSLG	SILOAM SPRINGS	AR (US)
IAP	ILS OR LOC RWY 18			KASG	SPRINGDALE	AR (US)
IAP	RNAV (GPS) RWY 18			KASG	SPRINGDALE	AR (US)
IAP	RNAV (GPS) RWY 36			KASG	SPRINGDALE	AR (US)
IAP	VOR RWY 18			KASG	SPRINGDALE	AR (US)
IAP	VOR/DME RWY 36		1	KASG	SPRINGDALE	AR (US)
IAP	RNAV (GPS) RWY 9			K94K	CASSVILLE	MO (US)
IAP	TULSA			KTUL	TULSA	OK (US)
STAR	DAWGG			KMEM	MEMPHIS	TN (US)
STAR	FNCHR (RNAV)			KMEM	MEMPHIS	TN (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED FIX COORDINATES.

DEVELOPED BY:	**DATE:** 04/25/2012	**OFFICE:** AJV-352	**NAME:** SEAN BARBEE
APPROVED BY:	**DATE:**	**OFFICE:**	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZME
ATC FACILITY: RZC APCH
OTHER: ST AV DIR, EST FPO

RADIO FIX AND HOLDING DATA RECORD

NAME: SUMMO **STATE:** AR **COUNTRY:** US

LATITUDE/LONGITUDE: 355900.75N/0942626.00W **TYPE:** INT, 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	RAZORBACK	RZC	VORTAC	H	220.66	224.66	22.11	22.11		3000	17500
2	FORT SMITH	FSM	VORTAC	L	340.00	347.00		36.60		3000	17500
3	DRAKE	DAK	VOR/DME	T	246.34	253.34	12.35	12.35		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DAK	VOR/DME	R-246	13	13500	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	RZC	VORTAC	220.66	040.66	R	1-1 1/2		4000	17500	6	18
2	NE	RZC	VORTAC	220.66	220.66	R	1		4000	14000	6	12
3	SW	DAK	VOR/DME	246.34	066.34	R	1		4000	12000	6	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	355415.00N/0942224.00W	1999	2C
2	200	AAO	355433.00N/0942754.00W	1867	4E
3	200	AAO	355415.00N/0942224.00W	1999	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
RAZORBACK (FAC 1) AND FORT SMITH (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
CHART PATTERN 1 ENROUTE LOW
LEAST DIVERGENCE ANGLE 58 USING FAC 1 AND 2. FAC 1 AND 3 DIVERGENCE ANGLE INSUFFICIENT FOR INTERSECTION HOLDING

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V63	1, 2, 3	1			(US)
IAP	LDA/DME RWY 34 (PAT 2 ALTERNATE MISSED APPROACH)	1, 2, 3	3	KFYV	FAYETTEVILLE	AR (US)
IAP	LOC-C (PAT 1 ALTERNATE MISSED APPROACH)	1, 2, 3	3	KFYV	FAYETTEVILLE	AR (US)
IAP	VOR-A (PAT 2 ALTERNATE MISSED APPROACH)	1, 2, 3	3	KFYV	FAYETTEVILLE	AR (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. ADDED DIST FROM FAC FOR FAC 1, 2, AND 3.
2. MOVED HOLDING LIMITED TO HOLDING RESTRICTIONS.
3. ADDED PRECIPITOUS TERRAIN EVALUATION.
4. REVISED FIX USE.
5. CHANGED HOLDING PAT 3 LEG LENGTH FROM DME TO 1 MIN AND PAT USEAGE.
6. REVISED PAT 2 CONTROLLING OBSTACLE FROM 1919 AAO TO 1867 AAO.
7. INCREASED FAC 3 MAA TO 17500 AND ADDED ESV.

DEVELOPED BY: **DATE:** 04/09/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (ROSS BARTO)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZME
ATC FACILITY: FSM APP/CON

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FAYETTEVILLE** STATE: **AR**

AIRPORT NAME: **DRAKE FIELD** ID: **KFYV**

PROCEDURE: **LOC-C** 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 **2.88**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **0.84**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **168.95**
4. High Terrain in **FINAL** segment containing 1000' point **1388**
5. Distance from * to 1500' point _____
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of _____ segment at 1500' point _____
7. True Course of _____ segment containing 1500' point _____
8. High Terrain in _____ segment containing 1500' point _____
9. Threshold Coordinates (if straight-in) ... **360047.48N** / **0941019.22W**
10. ARP Coordinates ..... **360018.30N** / **0941012.20W**
11. Runway Approach End and distance furthest from ARP.....RWY **16**
    Distance **0.49** NM
12. FAF Coordinates ..... **360337.61N** / **0941100.15W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

***ENTIRE PROCEDURE CONTAINED IN 700' CLASS E AIRSPACE.**

Federal Aviation Administration

Memorandum

Date: AUG 02 2012

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

ORIGINAL SIGNED BY

From: Larry Strout, Manager, Terminal Procedures & Charting Services, Central Team, AJV-353

Subject: **ACTION:** Magnetic Variation Change

CONCURRENCES	
ROUTING SYMBOL	AJV-34 SBaker
INITIALS/SIG	SJB
DATE	7-31-12
ROUTING SYMBOL	AJV-353 JOlson
INITIALS/SIG	JMO
DATE	7-31-12
ROUTING SYMBOL	AJV-353 LStrout
INITIALS/SIG	JMO
DATE	7-31-12
ROUTING SYMBOL	AJV-341 JAlfonso
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	

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.

TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 6
LDA/DME RWY 34, AMDT 4
LOC-C, ORIG
RNAV (GPS) RWY 16, AMDT 1
RNAV (GPS) RWY 34, AMDT 1

Estimated Chart Date: 11/15/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

ARKANSAS

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Fayetteville	Drake Field	Airport	KFYV / FYV	Old 5 ° East New 2 ° East	2015
Fayetteville		ILS	LFH	Old 5 ° East New 2 ° East	2015
Fayetteville		LOC	FYV	Old 5 ° East New 2 ° East	2015

If you have any questions please notify Larry H. Strout, larry.h.strout@faa.gov (301) 427-4750.

cc: AVJ-3rf
AJV-353; LStrout :sbj::x7537:03/07/2012 :U:\AVN100\100Public\MAGVAR\MAGVAR Letters 2012\MV Request MV Change for Fayetteville, AR (KFYV) 3-9-12 Requestor:RBartow, AJW-3762:KMMartino