U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- TITLE 14 CFR PART 97.31

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.

Initial approach minimum altitude(s) shall correspond with those established for enroute operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach.

Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES ***(Sectors and distances measured from radar antenna)***

FROM	TO	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE
AS ESTABLISHED BY THE CURRENT FORT HUACHUCA ASR MINIMUM VECTORING ALTITUDE CHART											

MISSED APPROACH

MAP: **PAR 8/26: DA**
PAR W/O GS 8/26: THLD

SEE ATTACHED FAA FORM 8260-10, CONTINUATION SHEET

MINIMUMS

TAKEOFF: [ ] STANDARD [X] 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
PAR S-8	**4919**	**3/4**	**200**	**4919**	**3/4**	**200**	**4919**	**3/4**	**200**	**4919**	**3/4**	**200**	**4919**	**3/4**	**200**
PAR W/O GS S-8	**5100**	**1**	**381**	**5100**	**1**	**381**	**5100**	**1 1/8**	**381**	**5100**	**1 1/8**	**381**	**5100**	**1 1/8**	**381**
PAR S-26	**4799**	**3/4**	**200**	**4799**	**3/4**	**200**	**4799**	**3/4**	**200**	**4799**	**3/4**	**200**	**4799**	**3/4**	**200**
PAR W/O GS S-26	**5080**	**1**	**481**	**5080**	**1**	**481**	**5080**	**1 3/8**	**481**	**5080**	**1 3/8**	**481**	**5080**	**1 3/8**	**481**
CIRCLING	**5080**	**1**	**381**	**5180**	**1**	**461**	**5180**	**1 1/2**	**461**	**5280**	**2**	**561**	**5340**	**2 1/4**	**621**

NOTES:
RWY 8: 12 MILES FROM THRESHOLD, MINIMUM ALTITUDE 6900.
PAR RWY 8: FAF 7 MILES FROM THRESHOLD. GLIDESLOPE INTERCEPT ALTITUDE 6900. FINAL APPROACH COURSE 077
PAR RWY 26: FAF 6 MILES FROM THRESHOLD. GLIDESLOPE INTERCEPT ALTITUDE 6500. FINAL APPROACH COURSE 257
PAR W/O GS RWY 08: FAF 7 MILES FROM THRESHOLD MINIMUM ALTITUDE 6900. STEPDOWN FIX 2.4 MILES FROM THRESHOLD, MINIMUM ALTITUDE 5500. FINAL APPROACH COURSE 257.
PAR W/O GS RWY 26: FAF 6 MILES FROM THRESHOLD MINIMUM ALTITUDE 6500. FINAL APPROACH COURSE 077.
CHART NOTE: CIRCLING NA SOUTH OF RWY 8-30
CHART NOTE: PROCEDURE NA WHEN CONTROL TOWER IS CLOSED
CHART NOTE: CIRCLING RWYS 12-21 NA AT NIGHT

LOST COMMUNICATIONS (ALL RWYS): **AS DIRECTED BY ATC ON INITIAL CONTACT**

ADDITIONAL FLIGHT DATA

TDZE: **4719**	RWY: **8**	TDZE:	RWY:
TDZE: **4599**	RWY: **26**	TDZE:	RWY:

PAR RWY 8: GS 3.00/TCH 41.0/RPI 782.3
PAR RWY 26: GS 3.00/TCH 49.8/RPI 949.7
RWY 08 PAR W/O GS: FAS OBS 4844 SHRUB 313517N/1102344W
RWY 26 PAR W/O GS: FAS OBS 4650 AAO 313449/11015523W

QUALITY CHECKED 1

MAG VAR: **E13** EPOCH YEAR: **1965**

CITY AND STATE	ELEVATION: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
FORT HUACHUCA SIERRA VISTA, AZ	**4719** **SIERRA VISTA MUNI-LIBBY AAF**	**FHU PAR**	**RADAR-1 ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO	FHU PAR RWY 8: 313515.24N/1102052.33W FHU PAR RWY 26: 313515.42N/1101953.65W	ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X ZAB, FHU, ATCT, USAASA, AIRPORT MANAGER, ST. AV. DIRP.

FLIGHT CHECKED BY		
NAME: Steven A. Haase	FIFO AVN	DATE: 1/25/12
DEVELOPED BY		
NAME: ADOLFO URRUTIA (ROBERT GRIM)	FIFO AJV-354	DATE: 12/08/2011
APPROVED BY		
NAME: DEZ SILAGYI MANAGER	FIFO AJV-354	DATE:

CHANGES:
ORIGINAL PROCEDURE

REASONS:
NEW FPN-67 INSTALLED

03/03/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/08/2011.
1. MISSED APPROACH INSTRUCTIONS RWY 8/26 RADIAL CHANGED FROM FHU R-019 TO FHU R-021.

03/09/2012: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/08/2011.
1. MISSED APPROACH INSTRUCTIONS RWY 8/26 RADIAL CHANGED FROM FHU R-019 TO FHU R-021. (INCLUDED UPDATED COPY INFORMATION ON 8260-10)

03/27/2012: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 12/08/2011.
1. MODIFIED "CITY AND STATE" BY DELETING FORWARD SLASH.
2. MODIFIED "AIRPORT NAME" BY DELETING FORWARD SLASH AND REPLACING WITH DASH.
3. ADDED DASH TO PROCEDURE NAME. (8260-4, 8260-10)

QUALITY CHECKED 1

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MISSED APPROACH (CONT'D)

RWY 8: CLIMB TO 5600 THEN CLIMBING LEFT TURN TO 9500 ON FHU VOR R-019 OR DAO NDB 018 BEARING TO TOMBS INT AND HOLD SE, RT, 286.38 INBOUND, CONTINUE CLIMB IN HOLD TO 9500 OR AS DIRECTED BY ATC.

RWY 26: CLIMB TO 5100 THEN CLIMBING RIGHT TURN TO 9500 ON FHU VOR R-019 OR DAO NDB 018 BEARING TO TOMBS INT AND HOLD SE, RT, 286.38 INBOUND, CONTINUE CLIMB IN HOLD TO 9500 OR AS DIRECTED BY ATC.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4719 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT HUACHUCA/SIERRA VISTA, AZ	SIERRA VISTA/LIBBY AAF	FHU ASR	RADAR-1 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:

QUALITY CHECKED

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.

MISSED APPROACH (CONT'D)

RWY 8: CLIMB TO 5600 THEN CLIMBING LEFT TURN TO 9500 ON FHU VOR R-021 OR DAO NDB 018 BEARING TO TOMBS INT AND HOLD SE, RT, 286.38 INBOUND, CONTINUE CLIMB IN HOLD TO 9500 OR AS DIRECTED BY ATC.

RWY 26: CLIMB TO 5100 THEN CLIMBING RIGHT TURN TO 9500 ON FHU VOR R-021 OR DAO NDB 018 BEARING TO TOMBS INT AND HOLD SE, RT, 286.38 INBOUND, CONTINUE CLIMB IN HOLD TO 9500 OR AS DIRECTED BY ATC.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4719 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FORT HUACHUCA SIERRA VISTA, AZ	SIERRA VISTA MUNI-LIBBY AAF	FHU ASR	RADAR-1 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:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE: R08	12.00 NM RADAR FIX	7.00 NM RADAR FIX	1.AAO	313224.00N/1103515.00W	6086 (4E)	500	AC 98	6700
			2. TERRAIN	313224.00N/1103515.00W	5886 (5900)		AS 1000	6900
FINAL: PAR RWY 08	GS INTERCEPT	DA				ASC		4919/200
FINAL: PAR RWY 26	GS INTERCEPT	DA				ASC		4799/200
PAR RWY 08 W/O GS	7.00 NM RADAR FIX	2.4 NM RADAR FIX	3. AAO	313442.40N/1102708.89W	5199 (2C)#	250	XL 50	5500
STEP RWY 08 W/O GS	2.4 NM RADAR FIX	THLD	4. SHRUB	313516.56N/1102343.73W	4844 (2C)#	250		5100
PAR RWY 26 W/O GS	6.00 NM RADAR FIX	THLD	5. AAO	313448.74N/1101552.23W	4650 (2C)#	250	MA 177	5080

2. PROCEDURE TURN NA

3. MISSED APPROACH
MAP:
ELEV:

4. CIRCLING	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350	381	6. SHRUB	313534.48N/1102329.64W	4794 (2C)#	300		5100
CATEGORY B	1.5 NM	450	461	7. SHRUB	313532.16N/1102334.05W	4794 (2C)#	300	HAA	5180
CATEGORY C	1.7 NM	450	461	7. SHRUB	313532.16N/1102334.05W	4794 (2C)#	300	HAA	5180
CATEGORY D	2.3 NM	550	561	7. SHRUB	313532.16N/1102334.05W	4794 (2C)#	300	HAA	5280
CATEGORY E	4.5 NM	550	621	8. AAO	313550.78N/1102554.35W	5024 (2C)#	300	HAA	5340

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID: NA

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

QUALITY CHECKED

CITY AND STATE	AIRPORT & ELEVATION	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT HUACHUCA/SIERRA VISTA, AZ	SIERRA VISTA MUNI/LIBBY AAF 4719	FHU PAR	RADAR-1 ORIG	AWP

NOTES / EXPLANATIONS FROM OPPOSITE SIDE OF FORM:
SEE ATTACHED AIRSPACE LETTER

AVERAGE VEGETATION HEIGHT: 20 FEET PER USAASA

#2C ACCURACY CODE VERIFIED WITH IAPA MAP STUDY

PRECIPITIOUS TERRAIN EVAL COMPLETE

ALTERNATE MISSED APPROACH NOT DEVELOPED SINCE MA CAN BE FLOWN USING FHU VOR OR DAO NDB

RADAR 2 DEVELOPED FOR ASR MINIMUMS

CIRCLING NA SOUTH OF RWY 08-30 (DUE TO RAPIDLY RISING TERRAIN)

CIRCLING NA AT NIGHT RWYS 12, 21 (UNLIT 20:1 PENETRATIONS)

20:1

RWY 12 4616 BUSH (KFHU0006) 313537.24N/1102036.44W (3.36)
4624 BUSH (KFHU0041) 313535.43N/1102039.64W (5.72)
4626 BUSH (KFHU0042) 313536.09N/1102040.88W (1.43)
RWY 21 4590 BUSH (KFHU0016) 313545.23N/1102024.31W (4.21)
4593 TREE (KFHU0017) 313546.92N/1102026.16W (5.15)

IAPA WILL NOT ALLOW L-V FOR PAR PROCEDURES.

INTERMEDIATE SEGMENT BASED ON ASR EVALUATION

MAGNETIC VARIATION FOR 2015 IS E10 - NOT BEING UPDATED AT THIS TIME FPT

RWY 08: GQS/80:1 PENETRATIONS KFHU0032, KFHU0033 (RFLTR) FRANGIBLE, FIXED BY FUNCTION.

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
FHU APPCH	[ ] NWS [ ] FAA [ ] A/C OTHER: **USAF ASOS**	SOURCE: **KFHU**
		DISTANCE: **ON AIRFILED**
SATISFACTORY ON: [X] VHF [X] UHF [ ] HF	LOCATION: **KFHU**	HOURS REMOTE OPERATION: **24**
	HRS OPTN: **24**	ADJUSTMENT: **0**

4. MONITOR STATUS	PRIMARY		SECONDARY	
	NAVAID: **FPN-67 PAR RWY 08/26**		NAVAID:	
	MONITOR POINT: **KFHU**		MONITOR POINT:	
	HRS OPTN: CAT 1	*	HRS OPTN: CAT 1	
	CAT 3		CAT 3	

5. AIRSPACE				
	FLOOR OF CONTROLLED AIRSPACE UNDER FAC			CONTROL AREA
	CONTROL ZONE: *	HOURS OPTN		TRANSITION AREA

6. APPROACH & RUNWAY LIGHTING				
		ALS		REIL
		(S) SALS		TDZ
		MALS		C/LINE
	X	HIRL **8-26 (PCL)**	X	OTHER (Specify) **PAPI 8-26, 12-30** (PCL) **LIRL 3-21 (PCL)**
	X	MIRL **3-21, 12-30 (PCL)**		

7. RUNWAY MARKINGS	8. RUNWAY VISUAL RANGE
ALL WEATHER **PIR-G 8-26**	APPROACH
INSTRUMENT **NPI-G 3-21, 12-30**	ROLL OUT

9. GLIDE SLOPE		
G S ANGLE: **3.00**	ELEV RWY THRESHOLD: **RWY 08/26 4719/4599**	
DISTANCE FROM RWY: **RWY 08/26 782.3/949.7**	ELEV GS ANTENNA:	
	THRESHOLD CROSSING HEIGHT: **08/2641/49.8**	

10. FINAL APPROACH COURSE AIMING			
	X	RUNWAY THRESHOLD	F T. FROM THRESHOLD
	X	ON CENTERLINE	F T. FROM CENTERLINE

11. WAIVERS OF STANDARDS	NUMBER OF WAIVERS ON FILE	DATES OF APPROVAL
	NONE	

PART C - REMARKS: *** SEE AFD FOR HOURS OF OPERATION**

QUALITY CHECKED

PART D - PREPARED BY:	DATE:
ADOLFO URRUTIA (ROBERT GRIM)	**12/08/2011**
TITLE: **AERONAUTICAL INFORMATION SPECIALIST**	OFFICE: **AJV-354**

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
MISSED APPROACH	DA	TOMBS				ASC		9500
RWY 08: PAR			9. AAO	314234.15N/1100744.43W	5344 (2C)#	1000		6400
			10. TERRAIN	314234.15N/1100744.43W	5144 (5100)		AS 1500	6600
MISSED APPROACH	THLD	TOMBS				ASC		9500
RWY 08: PAR W/O GS			11. AAO	314233.45N/1100750.27W	5275 (2C)#	1000		6300
			12. TERRAIN	314233.45N/1100750.27W	5075 (5100)		AS 1500	6600
MISSED APPROACH	DA	TOMBS				ASC		9500
RWY 26: PAR			13. AAO	314124.60N/1102602.52W	6000 (2C)#	1000		7000
			14. TERRAIN	314124.60N/1102602.52W	5800 (5800)		AS 1500	7300
MISSED APPROACH	THLD	TOMBS	15. AAO	315043.04N/1102431.01W	7559 (2C)#	ASC		9500
RWY 26: PAR W/O GS			16. AAO	314243.93N/1102419.18W	5988 (2C)#	1000		7000
			17. TERRAIN	314243.93N/1102419.18W	5788 (5800)		AS 1500	7300

2. PROCEDURE TURN			
3. MISSED APPROACH	MAP:	RWY 08: DA/THLD	RWY 26: DA/THLD
	ELEV:	4754/4850	4634/4830

4. CIRCLING	DISTANCE	HT. ABV ARPT. REQUIRED	HT. ABV ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
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

QUALITY CHECKED

PAGE 3 OF 4

CITY AND STATE	AIRPORT & ELEVATION	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FORT HUACHUCA/SIERRA VISTA, AZ	SIERRA VISTA MUNI/LIBBY AAF 4719	FHU PAR	RADAR-1 ORIG	AWP

FAA Form 8260 - 9 / December 2002 (Computer Generated)

NOTES / EXPLANATIONS FROM OPPOSITE SIDE OF FORM:

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH :	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON: ☐ VHF ☐ UHF ☐ HF	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE:
		DISTANCE:
	LOCATION:	HOURS REMOTE OPERATION:
	HRS OPTN:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY	SECONDARY
	NAVAID:	NAVAID:
	MONITOR POINT:	MONITOR POINT:
	HRS OPTN: CAT 1 / CAT 3	HRS OPTN: CAT 1 / CAT 3

5. AIRSPACE			
	FLOOR OF CONTROLLED AIRSPACE UNDER FAC		CONTROL AREA
	CONTROL ZONE:	HOURS OPTN	TRANSITION AREA

6. APPROACH & RUNWAY LIGHTING				
		ALS		REIL
		(S) SALS		TDZ
		MALS		C/LINE
		HIRL		OTHER (Specify)
		MIRL		

7. RUNWAY MARKINGS	8. RUNWAY VISUAL RANGE
ALL WEATHER	APPROACH
INSTRUMENT	ROLL OUT

9. GLIDE SLOPE		
	G S ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GS ANTENNA:
		THRESHOLD CROSSING HEIGHT:

10. FINAL APPROACH COURSE AIMING			
		RUNWAY THRESHOLD	F T. FROM THRESHOLD
		ON CENTERLINE	F T. FROM CENTERLINE

11. WAIVERS OF STANDARDS	NUMBER OF WAIVERS ON FILE	DATES OF APPROVAL

PART C - REMARKS:

QUALITY CHECKED 4

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TOMBS **STATE:** AZ **COUNTRY:** US

LATITUDE/LONGITUDE: 314558.36N/1101255.25W **TYPE:** WP, INT, DME

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	DOUGLAS	DUG	VORTAC	L	286.38	299.38	36.00	36.00		9500	17500
2	LIBBY	FHU	VOR	T	021.03	034.03		12.76		9500	17500
3	LIBBY	ARH	TACAN	T	018.31	030.31	12.53	12.53		9500	17500
4	DRAGOO	DAO	NDB	MH	018.37	031.37		12.66		9500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FHU	VOR	R-021	13	12000	17500
ARH	TACAN	R-021	13	16600	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	E	DUG	VORTAC	286.38	286.38	R	1-1 1/2		9500	17500	11	18
2	E		WP	106.38	286.38	R		7	9500	17500	10	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	315012.00N/1095603.00W	7346	6A
1	265	AAO	315012.00N/1095603.00W	7346	6A
1	310	AAO	315043.04N/1102431.01W	7559	4E
2	230	AAO	315006.00N/1095603.00W	7087	4E
2	265	AAO	315012.00N/1095603.00W	7346	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	81
1	265	138
1	310	224
2	265	114

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	PAR/ASR	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)

REMARKS:
DOUGLAS (FAC 1) AND DRAGOO (FAC 4) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V-66	1, 2, 3, 4				
IAP	NDB RWY 26	1, 2, 3	1	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	PAR/ASR	1, 2, 3, 4	1	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	RNAV (GPS) RWY 26		2	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	RNAV (GPS) RWY 8			KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	TACAN RWY 26	1, 3	1	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	TACAN RWY 8	1, 3	1	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	TAKE-OFF MINIMUMS	1, 2, 4		KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	VOR RWY 26	1, 2	1	KFHU	FORT HUACHUCA SIERRA VISTA	AZ (US)
IAP	ILS OR LOC RWY 26	1, 2	1	KFHU	FORT HUACHUCA/SIERRA VISTA	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 05/03/2012

REASON FOR REVISION:

QUALITY CHECKED

ADDED CLIMB-IN-HOLD (310KT) PATTERN
CHANGED INBOUND COURSE (18.37 TO 286.38) OF CIH TO ACCOMMODATE LARGER PATTERN.
DELETED HOLDING PATTERNS 3(DAO) AND 4(FHU). PATTERNS 3 AND 4 NO LONGER USED.
ADDED DATA FOR ARH ESV

DEVELOPED BY:	**DATE:** 12/19/2011	**OFFICE:** AJV-354	**NAME:** ADOLFO URRUTIA (ROBERT GRIM)
APPROVED BY:	**DATE:**	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZAB
ATC FACILITY: FHU
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **SIERRA VISTA/FORT HUACHUCA** STATE: **AZ**

AIRPORT NAME: **SIERRA VISTA MUNI/LIBBY AAF** ID: **KFHU**

PROCEDURE: **RADAR-1 (PAR RWY 08)** 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 **10.40**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **INTERMEDIATE** segment at 1000' point **5.00**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **INTERMEDIATE** segment containing 1000' point **089.88**
4. High Terrain in **INTERMEDIATE** segment containing 1000' point **5886**
5. Distance from **THLD** to 1500' point **11.40**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **5.00**
7. True Course of **INTERMEDIATE** segment containing 1500' point **089.88**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **5886**
9. Threshold Coordinates (if straight-in) ... **313515.23N** / **1102201.38W**
10. ARP Coordinates ..... **313518.50N** / **1102039.80W**
11. Runway Approach End and distance furthest from ARP ..... RWY **8**
    Distance **1.16** NM
12. FAF Coordinates ..... **313514.17N** / **1102944.57W**

REMARKS: Approach/Drawing attached.

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **SIERRA VISTA/FORT HUACHUCA** STATE: **AZ**

AIRPORT NAME: **SIERRA VISTA MUNI/LIBBY AAF** ID: **KFHU**

PROCEDURE: **RADAR-1 (PAR RWY 26)** AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**
(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 **2.99**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.23**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **269.90**
4. High Terrain in **FINAL** segment containing 1000' point **4604**
5. Distance from **THLD** to 1500' point **5.20**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.89**
7. True Course of **FINAL** segment containing 1500' point **269.90**
8. High Terrain in **FINAL** segment containing 1500' point **4604**
9. Threshold Coordinates (if straight-in) ... **313515.45N** / **1101942.68W**
10. ARP Coordinates ..... **313518.50N** / **1102039.80W**
11. Runway Approach End and distance furthest from ARP ..... RWY **26**
    Distance **0.81** NM
12. FAF Coordinates ..... **313515.85N** / **1101343.86W**

REMARKS: Approach/Drawing attached.

Federal Aviation Administration

Memorandum

Date: January 24, 2012

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

From: Dez Silagyi, Manager, Terminal Procedures & Charting Services, Western Team, AJV-354

Subject: **ACTION:** Magnetic Variation Change

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.

RADAR-1, ORIG
RADAR-2, ORIG

Estimated Chart Date: 05/03/2012

Runway Numbers are not affected.

Please publish these changes in the National Flight Data Digest.

ARIZONA

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
FORT HUACHUCA/SIERRA VISTA	SIERRA VISTA MUNI - LIBBY AAF	Airport	KFHU / KFHU	Old 13 ° EAST New 10 ° EAST	1965 2015
FORT HUACHUCA/SIERRA VISTA		ASR-11	FHUB	Old 10 ° EAST New 10 ° EAST	1901 2015

If you have any questions please notify Dez Silagyi, dez.silagyi@faa.gov (405) 954-9977

CONCURRENCES	
ROUTING SYMBOL	AJV-34 SBaker
INITIALS/SIG	
DATE	
ROUTING SYMBOL	AJV-354 Lead
INITIALS/SIG	
DATE	
ROUTING SYMBOL	AJV-354 DSilagyi
INITIALS/SIG	
DATE	
ROUTING SYMBOL	AJV-341 WTerrell
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
DATE	
ROUTING SYMBOL	
INITIALS/SIG	
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