

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW34 CLIMB TO 7600 DIRECT ZUMOD AND ON TRACK 316.29 TO CUTAD AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7600. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 333.57 INBOUND. FAS OBST: 1359 AAO 350517N/1143234W DISTANCE TO THLD FROM 645 HAT: 1.85 NM. CHART VDP AT 3.10 NM TO RW34* *LNAV ONLY. WAAS CHANNEL # 82602 REFERENCE PATH ID: W34A CHART CIRCLING ICON. LTP HAE: 185.4 M						
CUTAD		CALRA (TF) (FO) (RNP 1.00)		154.48 / 33.36				5700								
EED VORTAC (IAF)		CALRA (NOPT) (TF) (FB) (RNP 1.00)		330.53 / 11.46				4300								
GORSY (IAF)		CALRA (NOPT) (TF) (FB) (RNP 1.00)		029.85 / 7.48				4300								
CALRA (IF/IAF)		BULAC (TF) (FB) (RNP 1.00)		344.47 / 5.89				2600								
BULAC (FAF)		RW34 (MAP) (TF) (FO) (RNP 0.30)		344.46 / 5.78												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S CALRA, LT, 344.47 INBOUND, 4300 FT. IN LIEU OF PT (IAF) 3. FAC: 344.46 FAF: BULAC DIST FAF TO MAP: 5.78 THLD: 5.78 4. MIN. ALT: CALRA 4300, BULAC 2600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2600 GS ALT AT: BULAC 2600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR 8. MSA FROM: RW34 8000																
										MAG VAR: 12E			EPOCH YEAR: 2005			
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		@						
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1352	2 1/2	645	1352	2 1/2	645	1352	2 1/2	645	1352	2 1/2	645				
LNAV/VNAV DA	1506	3	799	1506	3	799	1506	3	799	1506	3	799				
LNAV MDA	1740	1 1/4	1033	1740	1 1/2	1033	1740	3	1033	1740	3	1033				
CIRCLING	1740	1 1/4	1033	1740	1 1/2	1033	1800	3	1093	2340	3	1633				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ CAT A, B 1100-2, CAT C 1100-3, CAT D 1700-3 CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EED VORTAC AIRWAY RADIALS 257 CW 026. (CONTINUED ON PAGE 2)																
CITY AND STATE		ELEVATION: 707 TDZE: 707				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
BULLHEAD CITY, AZ		AIRPORT NAME:				LAUGHLIN/BULLHEAD INTL		RNAV (GPS) RWY 34, AMDT 3, 03/02/2017				AMDT: 2				
												DATED 07/02/2009				

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FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW34 (MAP)	1107 MSL	344.46	
1107 MSL	ZUMOD (DF) (FB) (RNP 1.00)		
ZUMOD	CUTAD (TF) (FO) (RNP 1.00)	316.29 / 12.15	7600

CHART NOTE: CIRCLING RWY 16 NA AT NIGHT.

QUALITY
10

CHECKED

DATED: 07/02/2009

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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIFP
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	350834.6555N
LTP/FTP LONGITUDE	1143330.4355W
LTP/FTP ELLIPSOIDAL HEIGHT	+01854
FPAP LATITUDE	351003.7270N
FPAP LONGITUDE	1143337.1460W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 9DA7536B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+02155
FPAP ORTHOMETRIC HEIGHT	+02155

QUALITY
10

CHECKED

CITY AND STATE BULLHEAD CITY, AZ	ELEVATION: 707 AIRPORT NAME: LAUGHLIN/BULLHEAD INTL	TDZE: 707	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 3, 03/02/2017	SUP:
					AMDT: 2
					DATED: 07/02/2009