

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29							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		ILS: DA LOC: 3.56 NM AFTER USTIK LOM/I-BOI 5.39 DME OR AT I-BOI 1.83 DME CLIMB TO 6000 ON BOI VORTAC R-113 TO CUBTA INT/BOI 11.03 DME AND RIGHT TURN DIRECT BOI VORTAC AND HOLD. ALTERNATE MA (DO NOT CHART): ; CLIMB TO 3800 THEN CLIMBING RIGHT TURN TO 6000 DIRECT USTIK LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD SE, LT, 293.07 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W USTIK LOM/I-BOI 5.39 DME, RT, 102.13 INBOUND. CHART FAS OBST: 2849 POLE 433417N/1161513W CHART VDP AT 2.81 DME* DISTANCE VDP TO THLD 0.98 NM. *LOC ONLY. CHART 4600 PRIOR TO USTIK LOM IN PROFILE. CODE APPROACH TRANSITION FROM JIMMI CHART CIRCLING ICON. CODE FACF AT ELUBE CHART PLANVIEW NOTE: ADF OR DME REQUIRED.									
BOI VORTAC		USTIK LOM			279.26 / 5.98			6600											
EMETT/BOI 29.01 DME		USTIK LOM/I-BOI 5.39 DME			130.72 / 23.57			6000											
SALLA/BOI 16.00 DME		USTIK LOM/I-BOI 5.39 DME			188.43 / 14.35			9200											
RENOL/BOI 21.50 DME		USTIK LOM/I-BOI 5.39 DME			023.33 / 19.60			5500											
JIMMI/I-BOI 11.37 DME (IF)		ELUBE/I-BOI 7.71 DME			102.13 / 3.66 (I-BOI)			4400											
ELUBE/I-BOI 7.71 DME		USTIK LOM/I-BOI 5.39 DME			102.13 / 2.32 (I-BOI)			4100											
1. PT <u> L </u> SIDE OF COURSE <u>282.13</u> OUTBOUND <u>4400</u> FT WITHIN <u>10</u> MILES OF <u>USTIK LOM</u> (IAF) 2. _____ 3. FAC: <u>102.13</u> FAF: <u>USTIK LOM/I-BOI 5.39 DME</u> DIST FAF TO MAP: <u>3.56</u> THLD: <u>3.56</u> 4. MIN. ALT: <u>USTIK LOM/I-BOI 5.39 DME 4100</u> 5. DIST TO THLD FROM OM: <u>3.56</u> MM: <u>-</u> IM: <u>1028</u> 150 HAT: <u>1752</u> 100 HAT: <u>1027</u> GS ANT: <u>979</u> 6. MIN GS INCPT: <u>4100</u> GS ALT AT: _____ OM: <u>4020</u> MM: <u>-</u> IM: <u>2929</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>58.1</u> 8. MSA FROM: <u>BO LOM 142-232 7300, 232-322 6100, 322-142 8800</u>																MAG VAR: 13E		EPOCH YEAR: 2020	
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: STANDARD #			LOC: STANDARD @							
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				
S-ILS 10R	3036	1800	200	3036	1800	200	3036	1800	200	3036	1800	200							
S-LOC 10R	3200	2400	364	3200	2400	364	3200	3500	364	3200	3500	364							
SIDESTEP 10L	3220	1	376	3220	1	376	3220	1 1/2	376	3220	2	376							
CIRCLING	3440	1	569	3440	1	569	3740	2 1/2	869	3820	3	949							
NOTES: SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: CAT A, B, C, D, RA 170, RVR 1400, HAT 150, DA 2986 MSL. CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: CAT A, B, C, D, RA 102, RVR 1200, HAT 100, DA 2936 MSL. (CONTINUED ON PAGE 2)																			
CITY AND STATE BOISE, ID		ELEVATION: 2871 AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD		TDZE: 10R 2836 TDZE: 10L 2844		FACILITY IDENTIFIER: I-BOI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Y OR LOC Y RWY 10R, AMDT 12A, ILS Y RWY 10R (SA CAT 1), ILS Y RWY 10R (CAT II), ILS Y RWY 10R (CAT III)				SUP: ILS OR LOC RWY 10R							
												AMDT: 12							
												DATED 12/10/2015							



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
				ROUTINE	
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER (specify) <u>BOI ATCT, BOI APP CON, ZLC, AMGR.</u>					
FLIGHT CHECKED BY <i>Digitally signed by</i>					
NAME: FLIGHT INSPECTION REVIEW NOT REQUIRED; PROCESSED IAW FLIGHT INSPECTION TEAM (AJW;333) MEMO, MAY 30, 2017.				BEV L BORDY FIFO Aug 30, 2017	DATE:
DEVELOPED BY					
NAME: BEV L BORDY (STEVEN OWNBEY)				<i>Digitally signed by</i> BEV L BORDY	FIFO AJV-5433
APPROVED BY Aug 30, 2017					
NAME: PATRICK J. MULQUEEN				<i>Digitally signed by</i> BEV L BORDY MANAGER	FIFO AJV-5430
CHANGES: Aug 30, 2017					
<p>1. UPDATED MAG VAR FROM 15E/2005 TO 13E/2020 AND ASSOCIATED HEADINGS</p> <p>2. CHANGED PROCEDURE NAME FROM ILS OR LOC RWY 10R TO ILS Y OR LOC Y RWY 10R AND ILS Y RWY 10R SA CATI, CATII, CATIII.</p> <p>3. UPDATED INOPERATIVE LIGHTING NOTE FROM FOR INOPERATIVE ALSF-2, INCREASE S-LOC CAT C AND D VISIBILITIES TO 5500 TO FOR INOPERATIVE ALS, INCREASE S-LOC 10R CAT C/D VISIBILITY TO RVR 5500.</p>					
REASONS:					
<p>1. MAG VAR UPDATED PER FPT REQUEST ALSO BOI NDB, AND ILS FACILITIES UPDATED. BOI VOR/DME NOT UPDATED</p> <p>2. PER 8260.3B VOL 1 PAR 161 D (4)</p> <p>3. PER 8260.19G 8-6-5M(3)(D)</p> <p>10/25/2017: THIS IS A CORRECTED COPY ON THE FORM APPORVED ON 8/30/2017.</p> <p>1. CHANGED USTIK LOM/BOI 5.39 DME TO USTIK LOM/I-BOI 5.39 DME IN TERMINAL ROUTES AND LINE 3 AND 4 ON PG 1 OF 8260-3.</p>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION				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.	
ILS - STANDARD					
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29					
<p>NOTES, (CONT.):</p> <p>CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 10R: CAT III CAT A, B, C, D, RVR 600.</p> <p>CHART NOTE: CIRCLING NA N OF RWY 10L-28R.</p> <p>CHART NOTE: ADF OR RADAR REQUIRED.</p> <p>CHART PROFILE NOTE: USE I-BOI DME WHEN ON THE LOCALIZER COURSE.</p> <p>CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10R CAT C/ D VISIBILITIES TO RVR 5500.</p> <p>SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.</p> <p>CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).</p> <p>CHART PLANVIEW NOTE: NOPT AT JIMMI FOR ARRIVAL ON KYAAN AND PARMO (RNAV) ARRIVALS.</p> <p>CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.</p>					
CITY AND STATE		ELEVATION: 2871		PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BOISE, ID		TDZE: 10R 2836		ILS Y OR LOC Y RWY 10R, AMDT 12A, ILS Y RWY 10R (SA	
		AIRPORT NAME:		CAT I) , ILS Y RWY 10R (CAT II) , ILS Y RWY 10R (CAT III)	
		BOISE AIR TERMINAL/GOWEN FLD			
		FACILITY IDENTIFIER:		SUP: ILS OR LOC RWY 10R	
		I-BOI		AMDT: 12	
				DATED: 12/10/2015	



ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
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.			
FEEDER		BOI VORTAC		USTIK LOM/I-BOI		1. AAO		434045.00N/1160624.00W		5548 (4E)		2000		MT-247 SA-701		6600			
				5.39 DME		2. TERRAIN		433651.00N/1160903.00W		3257 (3300)				AS1500		4800			
FEEDER		EMETT/BOI 29.01		USTIK LOM/I-BOI		3. AAO		435033.00N/1161857.00W		4879 (4E)		2000		SA-900		6000			
		DME		5.39 DME		4. TERRAIN		435027.00N/1162630.00W		3344 (3300)				AS1500		4800			
FEEDER		SALLA/BOI 16.00		USTIK LOM/I-BOI		5. TWR (16-000211)		434618.00N/1160518.00W		7704 (5E)		2000		SA-600		9200			
		DME		5.39 DME		6. TERRAIN		434639.00N/1160639.00W		6408 (6400)				AS1500		7900			
FEEDER		RENOL/BOI 21.50		USTIK LOM/I-BOI		7. AAO		432624.00N/1162706.00W		3389 (4E)		2000		AT111		5500			
		DME		5.39 DME		8. TERRAIN		433624.00N/1162706.00W		3189 (3200)				AS1500		4700			
INTERMEDIATE: PT		10 NM		USTIK LOM/BOI		9. AAO		433606.00N/1161912.00W		2904 (4E)		500		AC98 AT598		4100			
				5.39 DME		10. TERRAIN		433606.00N/1161912.00W		2704 (2700)				AS1000		3700			
INTERMEDIATE		JIMMI/I-BOI 11.37		ELUBE/I-BOI 7.71		11. AAO		433457.00N/1162536.00W		2894 (4E)		500		DG908 AC98		4400			
		DME		DME		12. TERRAIN		433457.00N/1162536.00W		2694 (2700)				AS1000		3700			
ENTRY ZONE						16. AAO		434024.00N/1161342.00W		3560 (4E)		1000				4600			
						17. TERRAIN		434024.00N/1161342.00W		3360 (3400)				AS1000		4400			
2. PROCEDURE TURN		USTIK LOM		10 NM		18. AAO		434115.00N/1161527.00W		3360 (4E)		1000				4400			
						19. TERRAIN		434115.00N/1161527.00W		3160 (3200)				AS1000		4200			
3. MISSED APPROACH	MAP:		DA / 3.56 NM		BOI VORTAC		20. TWR (16-020067)		433321.07N/1161309.34W		3136 (1A)		ASC				6000		
			AFTER USTIK				21. AAO		433009.00N/1155603.00W		5388 (2C)		1000		SA-742		5700		
	ELEV:		2855/2950				22. TERRAIN		432809.00N/1155639.00W		4364 (4400)				AS1500		5900		
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	569	20. TWR (16-020067)		433321.07N/1161309.34W		3136 (1A)		300		3440			
CATEGORY B		1.5 NM			450		569	20. TWR (16-020067)		433321.07N/1161309.34W		3136 (1A)		300		3440			
CATEGORY C		1.7 NM			450		869	25. AAO		433042.00N/1161045.00W		3439 (2C)		300		3740			
CATEGORY D		2.3 NM			550		949	26. AAO		433030.54N/1160923.38W		3519 (2C)		300		3820			
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAIID: BO LOM																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
142-232		AAO		220/28.8		6239 (1A)		7300		322-142		AAO		030/14.5		7782 (6A)		8800	
232-322		AAO		226/25.7		5037 (6A)		6100											
CITY AND STATE				ELEVATION: 2871				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
BOISE, ID				AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD				I-BOI				ILS Y OR LOC Y RWY 10R, AMDT 12A, ILS Y RWY 10R (SA CAT I) , ILS Y RWY 10R (CAT II) , ILS Y RWY 10R (CAT				ANM			

QUALITY
25
CHECKED

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
BOI APP CON ZLC ARTCC BOI TOWER					N W S	OTHER: ASOS		SOURCE:KBOI		
					F A A			DISTANCE:		
					A / C			HOURS REMOTE OPERATION:		
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: KBOI			ADJUSTMENT: 0	
4. MONITOR STATUS		PRIMARY NAVAID: I-BOI								
		MONITOR POINT: ATCT								
		HRS OPTN:	CAT 1	24						
5. APPROACH & RUNWAY LIGHTING		X	ALSF-2 10R							
			(S) SALS							
		X	MALSR 28L							
		X	HIRL 10L, 10R, 28L, 28R							
			MIRL							
		X	REIL 10L							
		X	TDZ 10R, 28L							
		X	C/L 10R, 28L							
6. RUNWAY MARKINGS			BASIC							
			ALL WEATHER PIR-G 10R, 28L, 28R							
			INSTRUMENT NPI-G 10L							
7. RUNWAY VISUAL RANGE			APPROACH 10R, 28L							
			MIDFIELD 10R, 28L							
			ROLL OUT 10R, 28L							
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:2824.1				
		DISTANCE FROM RWY: 979				ELEV GP ANTENNA: 2823.8				
						THRESHOLD CROSSING HEIGHT:58.1				
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD FT. FROM THRESHOLD						
			X	ON CENTERLINE FT. FROM CENTERLINE						
10. WAIVERS: NONE										
PART D - PREPARED BY: BEV L BORDY (STEVEN OWNBEY)						DATE: 06/29/2017				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5433				

PART C - REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PRECIPITOUS TERRAIN ON FEEDER FROM SALLA; NO MOUNTAINOUS REDUCTION AUTHORIZED. BLOCK 2 (ON SERVICE A) HRS OPTN: 24 BLOCK 3 (BACKUP ALTIMETER NOT REQUIRED DUE TO MULTIPLE BACKUP SYSTEMS): SOURCE: KBOI BLOCK 4 MONITOR POINT: KBOI, HRS CAT 1: 24 VGSI DATA: 3.00 / 64 TCH FLIGHT CHECK RDH 102 FT., (ORDER 8260.3B CHG 19)
NO ADDITIONAL AIRSPACE REQUIRED.
100 FT TREES USED PER FPO.
TERMINAL ROUTES COURSE AND DISTANCE MEASURED TO LOM COLLOCATED WITH NDB.
EMETT OBS LOCATED 26067 FEET INTO SECONDARY. SALLA OBS LOCATED 6724 FEET INTO SECONDARY. PRIMARY MISS OBS LOCATED 9199 FEET INTO SECONDARY.
RA 102 AS ASSIGNED BY FLIGHT CHECK.
DIST TO THLD FROM 150 HAT: 2974-(2824.1+58.1)/3TAN=1751.45' DIST TO THLD FROM 100 HAT: 2924-(2824.1+58.1)/3TAN =797.40 ALTITUDE @ IM (THLD 2824.1, RDH 58.1, IM DIST 1028) (2824.1+58.1)+(1028 X 3TAN)=2936'
PFAF/FAF REMAINED AT USTIK LOM, AND WAS NOT PUT AT RNP PFAF LOCATION DUE TO NO SUITABLE FACILITIES FOR PROCEDURE ENTRY.
MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 6000 23. AAO 433000.00N/1160606.00W 3681 (4E) 1000 4700 24. TERRAIN 433000.00N/1160606.00W 3481 (3500) AS1500 5000
QUALITY 25 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
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:	