

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							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: I-RAP 1.60 DME									
HELTA/I-RAP 13.26 DME (IF/IAF)				YAVUC/I-RAP 7.26 DME				323.83 / 6.00 (I-RAP)				5000		CLIMB TO 3700 THEN CLIMBING RIGHT TURN TO 5500 DIRECT HELTA AND HOLD.									
														ADDITIONAL FLIGHT DATA: FAS OBST: 3359 AAO 435839N/1030054W 3480 AAO 435614N/1025951W CHART VDP AT 2.92 DME* DISTANCE VDP TO THLD 1.32 NM. *LOC ONLY. CHART CIRCLING ICON. CHART ELLSWORTH AFB. CHART PLANVIEW NOTE: RNAV 1-GPS OR RADAR REQUIRED.									
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)														MAG VAR: 8E EPOCH YEAR: 2010									
2. HOLD SE HELTA, RT, 323.83 INBOUND, 5500 FT. IN LIEU OF PT (IAF)																							
3. FAC: 323.83 FAF: YAVUC/I-RAP 7.26 DME DIST FAF TO MAP: THLD: 5.66																							
4. MIN. ALT: HELTA 5500, YAVUC 5000																							
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 877																							
6. MIN GS INCPT: 5000 GS ALT AT: YAVUC 5000 OM: MM: IM:																							
7. GS ANGLE: 3.00 TCH: 54.1																							
8. MSA FROM:																							
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 32	3360	2400	200	3360	2400	200	3360	2400	200	3360	2400	200	3360	2400	200								
S-LOC 32	3620	2400	460	3620	2400	460	3620	4500	460	3620	4500	460	3620	4500	460								
CIRCLING	3660	1	456	3840	1	636	3860	1 3/4	656	3940	2 1/4	736	3960	2 3/4	756								
NOTES: CHART NOTE: DME AND RNAV 1- GPS REQUIRED. CHART PROFILE NOTE: USE I-RAP DME WHEN ON THE LOC COURSE. CHART NOTE: ILS GLIDESLOPE UNUSABLE FOR COUPLED APPROACHES BELOW 3360. CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS CAT E VISIBILITY TO RVR 4000 AND S-LOC CAT E VISIBILITY TO 1 3/8 SM.																							
CITY AND STATE RAPID CITY, SD				ELEVATION: 3204 TDZE: 3160 AIRPORT NAME: RAPID CITY RGNL				FACILITY IDENTIFIER: I-RAP		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 32, AMDT 21 17 AUGUST 2017					SUP: AMDT: 20 DATED 01/08/2015								



ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	234/30 CW 054/30 (NOPT)	234/10 CW 054/10	8500
2.	234/10 CW 054/10	HELTA (IF/IAF) (FB)	5500
3.	054/30 CW 234/30	054/10 CW 234/10	9400
4.	054/10 CW 234/10	HELTA (IF/IAF) (FO)	5500

QUALITY
22
CHECKED

CITY AND STATE

RAPID CITY, SD

ELEVATION: 3204

TDZE: 3160

AIRPORT NAME:

RAPID CITY RGNL

FACILITY
IDENTIFIER:

I-RAP

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 32, AMDT 21

17 AUGUST 2017

SUP:

AMDT: 20

DATED: 01/08/2015