

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.25

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KESC	<u>PROCEDURE NAME</u> LOC BC RWY 28		<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> ESCANABA	<u>STATE</u> MI	
<u>AIRPORT ELEVATION</u> 609	<u>TDZE</u> 596	<u>SUPERSEDED</u> LOC/DME BC RWY 27	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/28/2015	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-ESC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ESC VOR/DME		KULAH/I-ESC 5.72 DME	FAF/IAF				092.08	6.00	2500
ZELUK/ESC 12.00 DME CW	IAF	HABTI/ESC 12.00 DME	NOPT				12.00 DME ARC (ESC LR-081)		2500
WINEP/ESC 12.00 DME CCW	IAF	HABTI/ESC 12.00 DME	NOPT				12.00 DME ARC (ESC LR-102)		2500
HABTI/I-ESC 11.72 DME	IF	KULAH/I-ESC 5.72 DME					275.90	6.00	2500

**MISSED APPROACH**

**MAP:**

NOCCI/I-ESC 0.52 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 THEN RIGHT TURN DIRECT ESC VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L SIDE OF COURSE 095.90 OUTBOUND 2500 FT WITHIN 10 MILES OF KULAH (IAF)

2.

3. FAC: 275.90 FAF: KULAH/I-ESC 5.72 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.87

4. MIN ALT: KULAH/I-ESC 5.72 DME 2500, YARUD/I-ESC 1.85 DME 1280

8. MSA FROM: ESC VOR/DME 360-090 3100, 090-360 2600

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.



CHART PROFILE NOTE: USE I-ESC DME WHEN ON THE LOCALIZER COURSE.  
CHART PLANVIEW NOTE: CAUTION: MAGNETIC DISTURBANCES OF AS MUCH AS 14 DEGREES EXIST AT GROUND LEVEL AT ESCANABA.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE VIEW: I-ESC DME ANTENNA.  
HOLD W, RT, 085.96 INBOUND.  
CHART FAS OBST: 730 RIG (26-001751) 454309N/0870350W.  
CHART VDP AT 1.09 DME;  
DISTANCE VDP TO THLD 1.23 NM.  
CHART ESC R-068 AT ZELUK.  
CHART ESC R-157 AT WINEP.  
CHART CIRCLING ICON.  
KULAH TO RW28: 2.99/53.

MINIMUMS:  
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-28	1040	1	444	1040	1	444	1040	1 3/8	444	1040	1 3/8	444			
CIRCLING	1060	1	451	1080	1	471	1280	2	671	1480	2 3/4	871			

CHANGES - REASONS

1. CHANGES FROM P-NOTAM 3/4012 AMDT 1A AND P-NOTAM AMDT 4/0482 AMDT 1B INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).
2. TERMINAL ROUTES CHANGED COURSE IN HABTI TO KULAH FROM 293.90 TO 295.90 - I-ESC MAGVAR UPDATED FROM 3W 1985 TO 5W 2025.
3. PROFILE LINE 1 CHANGED FROM COURSE 093.90 TO 095.90 - MAGVAR UPDATED.
4. PROFILE LINE 3 CHANGED FROM FAC 273.90 TO 275.90 - MAGVAR UPDATED.
5. REPLACED CHART PLANVIEW NOTE: DME REQUIRED WITH EQUIPMENT REQUIRMENTS NOTES: DME REQUIRED. - UPDATED NOTE LOCATION IAW 8260.19I
6. REMOVED CHART NOTE: RWY 27 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 18 NA AT NIGHT. - 20:1 SURFACES ARE CLEAR.
7. CHANGED CHART NOTE FROM HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - UPDATED NOTE IAW 8260.19I, 20:1 IS CLEAR, 34:1 IS PENETRATED.
8. UPDATED BACK-UP ALTIMETER NOTES FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARQUETTE ALTIMETER SETTING AND INCREASE ALL MDA 180FT AND S-27 CAT C AND D VISIBILITY 3/8 MILE, AND CIRCLING CAT C VISIBILITY 1/2 MILE AND CAT D VISIBILITY 1/4 MILE." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARQUETTE ALTIMETER SETTING AND INCREASE ALL MDAS 180 FEET AND VISIBILITY CAT C AND D 1/2 SM. VDP NA WHEN USING MARQUETTE ALTIMETER SETTING." AND MOVED FROM THE 8260-5 TO THE 8260-9. - 8260.19I
9. ADDED ADDITIONAL FLIGHT DATA CHART VDP AT 1.09 DME AND 1.23 NM TO THLD. - 20:1 IS CLEAR, VDP PUBLISHABLE.
10. PROCEDURE NAME CHANGED FROM LOC/DME BC RWY 27 TO LOC BC RWY 28 - 8260.3, 1-6-2 A (1).
11. ADDITIONAL FLIGHT DATA VERTICAL DESCENT ANGLE/TCH ENTRY CHANGED FROM KULAH TO RWY 27: 2.98/53 TO KULAH TO RWY 28: 2.99/53 - TARGETS VALUE VERSUS IAPA VALUE, RUNWAY RENUMBERED.
12. CHANGED NOTE "DISREGARD GLIDE SLOPE INDICATIONS" TO DISREGARD GS INDICATIONS - 8260.19I 8-6-11O(7)(C)
13. ADDED TO COORDINATED WITH BLOCK: A4A, ALPA - 8260.19I
14. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINIMUMS - 8260.19I
15. OBSTACLE ID WAS ADDED TO CHART FAS DATA OBSTACLE: 730 RIG (26-001751) 454309N/0870350W. - 8260.19I



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<u>COORDINATED WITH:</u> A4A <input checked="" type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> <u>OTHER:</u> ZMP, AMGR.				
<u>FLIGHT CHECKED BY</u> PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION		<u>OFFICE</u>	<u>DATE</u>	<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Jul 21, 2022
<u>DEVELOPED BY</u> TYLER MITCHELL	<i>Digitally signed by</i> <b>TYLER D MITCHELL</b> Jun 27, 2022	<u>OFFICE</u> AJV-A432	<u>DATE</u> 05/09/2022	
<u>APPROVED BY</u> CASIMIR TABAKA		<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Jul 21, 2022	<u>DATE</u>	<u>TITLE</u> MANAGER

