

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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</u> RANGELEY LAKE	<u>AIRPORT ID</u> M57	<u>PROCEDURE NAME</u> RNAV (GPS)-C	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> RANGELEY	<u>STATE</u> ME	
<u>AIRPORT ELEVATION</u> 1518	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-C	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 05/07/2009	<u>MAG VAR</u> 18W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-18**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
AUG VOR/DME		SHINY		TF	FO	1.00	320.23	56.70	6000
EYEEES		SHINY		TF	FO	1.00	242.16	26.35	6000
SHINY	IF/IAF	ZEMSI		TF	FB	1.00	063.85	10.00	3600
ZEMSI	FAF	FOXAL	MAP	TF	FO	0.30	091.28	3.35	
FOXAL	MAP	1918 MSL		CA			091.28		
1918 MSL		SAWTO		DF	FB	1.00			
SAWTO		EYEEES		TF	FO	1.00	044.28	11.34	6000

MISSED APPROACH

MAP:
FOXAL

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 DIRECT SAWTO AND ON TRACK 044.28 TO EYEEES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW SHINY, LT, 063.85 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAC:

091.28

FAF: ZEMSI

DIST FAF TO MAP: 3.35

DIST FAF TO THLD:

4. MIN ALT: SHINY 6000, ZEMSI 3600

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM: FOXAL 5500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: OBTAIN LOCAL ALTIMETER ON CTAF; WHEN NOT RECEIVED, USE BERLIN ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 224.28 INBOUND.
CHART FAS OBST: 1799 TREE 445732N/0704121W.
2480 AAO 445349N/0704330W.
FAC CROSSES MIDPOINT OF RWY 06-24.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☒

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
CIRCLING	2400	1 1/4	882	2620	1 1/2	1102		NA			NA				
BERLIN ALTIMETER SETTING MINIMUMS															
CIRCLING	2540	1 1/4	1022	2760	1 1/2	1242		NA			NA				



CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM "RANGELEY LAKE SPB" TO "RANGELEY LAKE" - AIRNAV DATA.
2. REMOVED TERMINAL ROUTE "BML VOR/DME IAF" - BML VOR DECOMMISSION.
3. CHANGED TERMINAL ROUTE AUG VOR/DME FEEDER RNP FROM "2.00" TO "1.00" - UPDATED TO CURRENT CRITERIA.
4. CHANGED TERMINAL ROUTE EYEEES FEEDER RNP FROM "2.00" TO "1.00" - UPDATED TO CURRENT CRITERIA.
5. CHANGED TERMINAL ROUTE SHINY IF/IAF RNP FROM "0.50" TO "1.00" - UPDATED TO CURRENT CRITERIA.
6. CHANGED FAF FROM "RQM NDB" TO "ZEMSI" - RQM NDB SURVEYED AND RELOCATED, ESTABLISHED FIX ZEMSI IN ORIGINAL LOCATION OF RQM NDB TO RETAIN COURSE.
7. ADDED TERMINAL ROUTE "FOXAL TO 1918 MSL, CA (LEG TYPE), 091.28 (COURSE)" - UPDATED TO CURRENT CRITERIA, - IAW 8260.58A 3-5-2.
8. CHANGED TERMINAL ROUTE FROM "FOXAL TO SAWTO" TO "1918 MSL TO SAWTO" - UPDATED TO CURRENT CRITERIA, - IAW 8260.58A 3-5-2.
9. CHANGED MISSED APPROACH FROM "CLIMB TO 6000 DIRECT SAWTO AND VIA 044.28 TRACK TO EYEEES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000" TO "CLIMB TO 6000 DIRECT SAWTO AND ON TRACK 044.28 TO EYEEES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000" - IAW 8260.19H 8-6-6.D.
10. ADDED "MAX 8000" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H PARA 8-6-7.B.(2).
11. CHANGED PROFILE LINE 3 FROM "FAC: 091.29, FAF: RQM NDB, DIST FAF TO MAP: 3.37" TO "FAC: 091.28, FAF: ZEMSI, DIST FAF TO MAP: 3.35" - MOVED FOXAL (MAP) 133.31 FT WEST.
12. CHANGED PROFILE LINE 4 FROM "RQM NDB" TO "ZEMSI" - RQM NDB IS BEING DECOMMISSIONED, REPLACED WITH ZEMSI.
13. ADDED PBN REQUIREMENTS NOTE: "RNP APCH" - IAW 8260.19H 8-6-8.B.(1).
14. REMOVED NOTE: "DME/DME RNP -0.3NA" - NO LONGER REQUIRED.
15. REMOVED NOTE: "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BML VOR/DME VIA V104 WESTBOUND" - BML VOR DECOMMISSION.
16. ADDED ADDITIONAL FLIGHT DATA "CHART CIRCLING ICON" - ADDED NEW CIRCLING CRITERIA TO APPROACH, IAW 8260.19H 8-6-10.T.
17. CHANGED ADDITIONAL FLIGHT DATA CHART FAS OBST FROM "1959 TREE 445522N/0704419W" TO "1799 TREE 445732N/0704121W" - NEW CONTROLLING OBSTACLE IN FINAL SEGMENT.
18. ADDED TO ADDITIONAL FLIGHT DATA "2480 AAO 445349N0704330W" - NEW 7:1 OBSTACLE IN FINAL SEGMENT.
19. CHANGED PRIMARY CIRCLING MINIMUMS CAT A MDA/HAA FROM "2320/802" TO MDA/HAA "2400/882", CAT B MDA/HAA FROM "2320/802" TO MDA/HAA "2620/1102" - APPLIED NEW CIRCLING CRITERIA, NEW CONTROLLING OBSTACLES, IAW 8260.3D 2-7-1.
20. CHANGED PRIMARY CIRCLING CAT A VISIBILITY FROM "1 SM" TO "1 ¼ SM" AND CAT B VISIBILITY FROM "1 ¼" TO "1 ½" - IAW 8260.3D TABLE 3-3-7.
21. CHANGED BERLIN ALTIMETER SETTING CIRCLING MINIMUMS FOR CAT A MDA/HAA FROM "2460/942" TO MDA/HAA "2540/1022", CAT B MDA/HAA FROM "2460/942" TO MDA/HAA "2760/1242" - APPLIED NEW CIRCLING CRITERIA, NEW CONTROLLING OBSTACLES, IAW 8260.3D 2-7-1.
22. CHANGED BERLIN ALTIMETER SETTING CIRCLING CAT B VISIBILITY FROM "1 ¼ SM" TO "1 ½ SM" - IAW 8260.3D TABLE 3-3-7.

07/07/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/23/20.
ADDED "MINIMUMS" TO BERLIN ALTIMETER SETTING ON PG 2 OF THE 8260-3.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, AIRPORT MANAGER

<div>FLIGHT CHECKED BY</div> <div>ROBERT STEPHEN PRESSLER</div>		<div>Digitally signed by</div> <div>JOHN BORDY</div> <div>Jul 07, 2020</div>		<div>OFFICE</div> <div>FIOG</div>	<div>DATE</div> <div>06/17/2020</div>
<div>DEVELOPED BY</div> <div>JOHN BORDY (MICHAEL DARDEN)</div>		<div>Digitally signed by</div> <div>JOHN BORDY</div> <div>Jul 07, 2020</div>		<div>OFFICE</div> <div>AJV-A422</div>	<div>DATE</div> <div>12/31/2019</div>
<div>APPROVED BY</div> <div>MARLON ROBINSON</div>		<div>Digitally signed by</div> <div>JOHN BORDY</div> <div>Jul 07, 2020</div>		<div>OFFICE</div> <div>AJV-A420</div>	<div>TITLE</div> <div>MANAGER</div>

