

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.27**

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> GOV	<u>PROCEDURE NAME</u> NDB RWY 14	<u>ORIGINAL/AMENDMENT</u> 9	<u>CITY</u> GRAYLING	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 1158	<u>TDZE</u> 1154	<u>SUPERSEDED</u> NDB RWY 14	<u>ORIGINAL/AMENDMENT</u> 8D	<u>DATED</u> 09/09/2021
<u>FACILITY</u> GYG	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 6W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
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MISSED APPROACH

MAP:

5.68 NM AFTER GYG NDB

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT GYG NDB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 322.17 OUTBOUND 3000 FT WITHIN 10 MILES OF GYG NDB (IAF)
2.
3. FAC: 142.17 FAF: GYG NDB DIST FAF TO MAP: 5.68 DIST FAF TO THLD: 5.68
4. MIN ALT: GYG NDB 3000
8. MSA FROM: GYG NDB 025-170 3100, 170-025 3500

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 5, 23, 32 NA AT NIGHT.
CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HTL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND S-14 AND CIRCLING CATS B/C/D VISIBILITIES 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 142.17 INBOUND.
FAS OBST: 1555 AAO 444451N/0844721W.
CHART R-4201A & B.
CHART R-4202.
CHART 3000 PRIOR TO GYG NDB IN PROFILE.
GYG NDB TO RW14: 3.00/40.



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
S-14	1880	1	726	1880	1	726	1880	2	726	1880	2	726			
CIRCLING	1880	1	722	1880	1	722	1880	2	722	1960	2 1/2	802			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED GLR FEEDER SEGMENT – PER FPT/GLR VOR MON.
2. MISSED APPROACH: CHANGED FROM “CLIMBING RIGHT TURN TO 3000 DIRECT GYG NDB AND HOLD” TO “CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT GYG NDB AND HOLD” – MITIGATED CLIMB IN HOLD REQUIREMENT.
3. PROFILE LINE 1: CHANGED SIDE OF COURSE FROM “322.16” TO “322.17” – PROCEDURE DESIGNED IAW 8260.3E, CHAPTER 7.
4. PROFILE LINE 3: CHANGED FAC FROM “142.16” TO “142.17” - PROCEDURE DESIGNED IAW 8260.3E, CHAPTER 7.
5. CHANGED CHART PROFILE NOTE: “VGSI AND DESCENT ANGLES NOT COINCIDENT” TO “VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})” – IAW 8260.19I, 8-6-9M(2).
6. CHANGED CHART NOTE: “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOUGHTON LAKE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND CATS B/C/D VISIBILITIES 1/2 SM” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HTL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND S-14 AND CIRCLING CATS B/C/D VISIBILITIES 1/2 SM” – IAW 8260.19I, 8-6-11N(1)A(1).
7. ADDITIONAL FLIGHT DATA: ADDED “CHART 3000 PRIOR TO GYC NDB IN PROFILE” – ENTRY OBSTACLE PRECLUDES EARLY DECENT, IAW 8260.19J 8-6-7A(2).
8. ADDITIONAL FLIGHT DATA: CHANGED “HOLD NW, LT, 142.16 INBOUND” TO “HOLD NW, LT, 142.17 INBOUND” – ALIGNED WITH FAC.
9. ADDITIONAL FLIGHT DATA: CHANGED “GYG NDB TO RW14: 2.99/45” TO “GYG NDB TO RW14: 3.00/40” – PROCEDURE RE-DESIGNED FOR OPTIMUM VDA PER FPT, IAW 8260.3E, CHAPTER 7.
10. ADDITIONAL FLIGHT DATA: CHANGED “FAS OBST: 1583 AAO 444453N/0844719W” TO “FAS OBST: 1555 AAO 444451N/0844721W” – NEW CONTROLLING OBSTACLE.
11. MINIMUMS: LOWERED S-14 CAT D VISIBILITY FROM “2 1/4 SM” TO “2 SM” – IAW 8260.3E, 3-3-1 VISIBILITY TABLE.
12. MINIMUMS: RAISED CIRCLING CAT D VISIBILITY FROM “2 1/4 SM” TO “2 1/2 SM” - IAW 8260.3E, 3-3-1 VISIBILITY TABLE.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, AMGR, GOV ATCT.

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

JOSEPH L ZEDER

Aug 21, 2024

OFFICE

FPO

DATE

08/19/2024

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

JOSEPH L ZEDER

Aug 21, 2024

OFFICE

AJV-A432

DATE

04/08/2024

APPROVED BY

CASIMIR L. TABAKA

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JOSEPH L ZEDER

Aug 21, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER

