

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
GDM	VOR-A	6C	GARDNER	MA		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
954		VOR-A	6B	11/04/2021	14W	1970
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
GDM			ROUTINE			

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:

MACXE/GDM 1.85 DME OR AT 1.85 NM AFTER GDM VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3300 DIRECT GDM VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 276.81 OUTBOUND 3000 FT WITHIN 10 MILES OF GDM VOR/DME (IAF)
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- FAC: 096.78 FAF: GDM VOR/DME DIST FAF TO MAP: 1.85 DIST FAF TO THLD:
- MIN ALT: GDM VOR/DME 2400
- MSA FROM: GDM VOR/DME 060-330 3300, 330-060 4400

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE ORH ALTIMETER SETTING, WHEN NOT RECEIVED USE ORE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

CHART: ORH ASOS
HOLD W, RT, 096.81 INBOUND.
CHART FAS OBST: 1389 TREE 423228N/0720201W.



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	2020	1 1/4	1066	2020	1 1/2	1066	2020	3	1066	2020	3	1066			

CHANGES - REASONS

1. CHANGES FROM P-NOTAMS FOR AMDT 6A AND AMDT 6B INCORPORATED INTO FORM - IAW 8260.19J 8-3-4C(3).
2. MAP: CHANGED FROM "1.85 MILES AFTER GDM VOR/DME OR AT MACXE/GDM 1.85 DME FIX" TO "MACXE/GDM 1.85 DME OR AT 1.85 NM AFTER GDM VOR/DME" – IAW 8260.19J 8-6-6.
3. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING LEFT TURN TO 3000 DIRECT GDM VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" TO "CLIMBING LEFT TURN TO 3300 DIRECT GDM VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3300" – NEW CLIMB-IN-HOLD OBSTACLE.
4. NOTES: CHANGED FROM "USE WORCESTER ALTIMETER SETTING, WHEN NOT RECEIVED USE ORANGE MUNI ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE CIRCLING CATS A/B VISIBILITY 1/4 SM" TO "CHART NOTE: USE ORH ALTIMETER SETTING, WHEN NOT RECEIVED USE ORE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET" - IAW 8260.19J 8-6-10F(6) AND 8260.3E TABLE 3-3-1.
5. NOTES: REMOVED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19J 8-6-12K(2).
6. ADDITIONAL FLIGHT DATA: ADDED "CHART: ORH ASOS" – IAW 8260.19J 8-2-4B(3).
7. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "1399 TREE 423228N/0720202W" TO "1389 TREE 423228N/0720201W" – CONTROLLING OBSTACLE UPDATED.
8. MINIMUMS: UPDATED CIRCLING CATS A/B MDA/HAA FROM "1760/805" TO "2020/1066" AND CAT C/D MDA/HAA FROM "1980/1025" TO "2020/1066" – NEW CLIMB-IN-HOLD MISSED APPROACH OBSTACLE.
9. MINIMUMS: UPDATED CIRCLING CAT A VISIBILITY FROM "1" TO "1 1/4" AND CAT B VISIBILITY FROM "1 1/4" TO "1 1/2" - IAW 8260.3E TABLE 3-3-1.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZBW, BOS APP CON, AMGR

FLIGHT CHECKED BY

JON D HOLLAND

Digitally signed by

CASIMIR L TABAKA

Feb 28, 2025

OFFICE

AJF

DATE

02/26/2025

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

Digitally signed by

CASIMIR L TABAKA

Feb 28, 2025

OFFICE

AJV-A431

DATE

10/22/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

CASIMIR L TABAKA

Feb 28, 2025

OFFICE

AJV-A431

DATE

10/22/2024

TITLE

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
GDM	VOR-A	6C	GARDNER	MA	954	GDM

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE: PT

FROM
10 NM

TO
GDM VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	423333.00N/0720909.00W	1595	164	98	4E	500				AC98	2200
TERRAIN	423333.00N/0720909.00W	1395 (1400)								AS1000	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM
GDM VOR/DME

TO
MACXE/GDM 1.85 DME OR AT 1.85 NM AFTER GDM VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 1.85	<u>PAT</u>	<u>MAP</u> MACXE/GDM 1.85 DME OR AT 1.85 NM AFTER GDM VOR/DME				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	423228.33N/0720201.43W	1389	50	20	2C	250				RA50	1700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



PROCEDURE TURN

FROM

GDM VOR/DME

TO

10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	423842.00N/0722503.00W	1687	100	125	3E	1000					2700
TERRAIN	423842.00N/0722503.00W	1487 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH

FROM

MACXE/GDM 1.85 DME OR AT 1.85 NM AFTER GDM VOR/DME

TO

GDM VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1560			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3300
WINDMILL (25-021978)	423526.40N/0715900.99W	1563	250	50	4D	1000					2600
TERRAIN	423815.00N/0715909.00W	1345 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
GDM

PROCEDURE NAME
VOR-A

AMDT NO.
6C

CITY
GARDNER

STATE
MA

AIRPORT ELEVATION
954

FACILITY
GDM

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	423228.33N/0720201.43W	1.30	1066	1389	50	20	2C	300		MAH331	2020
CATEGORY B											
TREE	423228.33N/0720201.43W	1.84	1066	1389	50	20	2C	300		MAH331	2020
CATEGORY C											
WINDMILL (25-021978)	423526.40N/0715900.99W	2.90	1066	1563	250	50	4D	300		AC50 RA50 MAH57	2020
CATEGORY D											
WINDMILL (25-021978)	423526.40N/0715900.99W	3.78	1066	1563	250	50	4D	300		AC50 RA50 MAH57	2020

CIRCLING REMARKS:

MSA

CENTER
GDM VOR/DME

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
060-330	AAO	422921.00N/0715312.00W	128	8.3	2215	1000	3	6A	1000			3300
330-060	AAO	425143.70N/0720626.10W	007	19.1	3369	1000	3	6A	1000			4400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	ORH	24	ORH	18.08	Y	50
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	ORE	24	ORE	12.08	Y	86

WX REMARKS:

PRESSURE PATTERNS THE SAME
KGDM 954, KORH 1009
RA = 49.3

PRESSURE PATTERNS THE SAME
KGDM 954, KORE 543
RA = 85.3

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
GDM VOR/DME			

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL (PCL), REIL (PCL)	BSC-G	
RW36 - MIRL (PCL), REIL (PCL)	BSC-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD		FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE		FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 18
20:1	
990 TREE (25-045575) 423317.6900N/0720102.6100W (27.48)	1017 TREE (25-040757) 423324.1200N/0720102.2600W (23.41)
1000 TREE (25-049536) 423320.8000N/0720105.6800W (19.28)	1005 TREE (25-035163) 423322.7600N/0720104.5600W (15.8)
983 TREE (25-044069) 423318.1100N/0720105.9600W (15.15)	1009 TREE (25-035207) 423323.9800N/0720104.5200W (13.88)



<u>AIRPORT ID</u> GDM		<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> 6C	<u>CITY</u> GARDNER	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 954	<u>FACILITY</u> GDM
999 TREE (25-039641) 423322.0800N/0720105.2900W (12.41)				978 TREE (25-035156) 423318.7100N/0720101.6300W (11.46)			
974 TREE (25-035099) 423317.6200N/0720103.9600W (10.5)				1000 TREE (25-035166) 423322.6800N/0720106.3400W (9.45)			
984 TREE (25-035159) 423319.4400N/0720107.1100W (8.53)				992 TREE (25-035161) 423322.0600N/0720103.4700W (7.29)			
987 TREE (25-045498) 423321.1400N/0720103.4500W (6.8)				1005 TREE (25-044071) 423325.4200N/0720103.2000W (4.14)			
990 TREE (25-035162) 423321.7700N/0720107.3900W (2.87)				984 TREE (25-043217) 423320.7900N/0720108.7600W (0.32)			
FINAL TYPE	CIRCLING RWY 36						
20:1							
1041 TREE (25-035385) 423225.0000N/0720039.7200W (15.76)				943 VEGETATION (25-045401) 423242.7700N/0720050.3800W (15.01)			
1105 TREE (25-034727) 423212.6500N/0720033.3200W (13.16)				1029 TREE (25-040652) 423226.1100N/0720041.6200W (11.04)			
1049 TREE (25-035394) 423222.7200N/0720037.7800W (10.72)				937 VEGETATION (25-049526) 423242.2600N/0720051.8400W (7.94)			
1091 TREE (25-042716) 423213.2900N/0720035.9600W (4.87)				1060 TREE (25-035469) 423219.0000N/0720038.5500W (4.3)			
1011 TREE (25-035646) 423228.0100N/0720041.0800W (1.79)				1061 TREE (25-035486) 423216.8200N/0720045.4500W (1.4)			
1097 TREE (25-042228) 423212.1600N/0720031.1700W (0.66)							
<u>PENETRATIONS REMARKS:</u>							

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL CIRCLING ONLY.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' VEGETATION USED PER FPT.

CIRCLING ONLY FINAL PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> GDM	<u>PROCEDURE NAME</u> VOR-A	<u>AMDT NO.</u> 6C	<u>CITY</u> GARDNER	<u>STATE</u> MA	<u>AIRPORT ELEVATION</u> 954	<u>FACILITY</u> GDM
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	1.52
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.03
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	082.81
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	FAF	TO 1500FT POINT	7.00
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.80
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	082.81
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES423259.60N/0720057.70W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES423245.32N/0720329.48W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ERIC N SUSKI (EMMANUEL R. GONZALES)	AJV-A431	10/22/2024	AERONAUTICAL INFORMATION SPECIALIST

