

**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> BOSCOBEL	<u>AIRPORT ID</u> KOV5	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> BOSCOBEL	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 673	<u>TDZE</u> 670	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

**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>
QUEST		FIGIS		TF	FB	1.00	182.40	7.82	3000
FARON	IAF	ZETUT	NOPT	TF	FB	1.00	338.58	5.60	3000
FIGIS	IAF	ZETUT	NOPT	TF	FB	1.00	157.88	5.00	3000
ZETUT	IF/IAF	HAGBO		TF	FB	1.00	067.91	6.05	2700
HAGBO	FAF	RW07	MAP	TF	FO	0.30	068.00	6.15	
RW07	MAP	1040 MSL		CA			068.00		
1040 MSL		WOREG		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV: RW07

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT WOREG AND HOLD

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)

2. HOLD W ZETUT, RT, 067.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 068.00      FAF: HAGBO      DIST FAF TO MAP: 6.15      DIST FAF TO THLD: 6.15

4. MIN ALT:      ZETUT 3000, HAGBO 2700

5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      370 HAT: 1.05      GS ANT:      MM:      IM:

6. MIN GP INCPT: 2700      GP ALT AT FAF : HAGBO 2700      OM:      MM:      IM:

7. GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS CLEAR      TCH: 38.0

8. MSA FROM: RW07 2800

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING RWY 2, 20 NA AT NIGHT.  
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.  
CHART VDP AT 2.66 NM TO RW07\*  
\*LNAV ONLY  
WAAS CHANNEL #77902  
REFERENCE PATH ID: W07A  
FAS OBST: 1299 AAO 430830N/0904736W.  
HOLD E, RT, 248.28 INBOUND  
LTP HAE: 170.7 M

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ CAT A 900-2, CAT B 1000-2, CAT C 1000-2 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
LPV DA	1040	1 1/4	370	1040	1 1/4	370	1040	1 1/4	370		NA				
LNAV MDA	1560	1 1/4	890	1560	1 1/4	890	1560	2 3/4	890		NA				
CIRCLING	1560	1 1/4	887	1580	1 1/4	907	1620	2 3/4	947		NA				



**CHANGES - REASONS**

1. TERMINAL ROUTES SECTION QUEST TO FIGIS FEEDER SEGMENT: CHANGED RNP FROM 2.00 TO READ 1.00 - CURRENT CRITERIA.
2. TERMINAL ROUTES SECTION: REMOVED UKN TO ZETUT INITIAL SEGMENT - FPT REQUEST VIA IFPR/UKN DECOMMISSIONING PER VORMON PROGRAM.
3. PROFILE SECTION LINE 2: ADDED MAX 6000 - REQUIRED DOCUMENTATION.
4. PBN REQUIREMENTS SECTION: ADDED RNP APCH - REQUIRED DOCUMENTATION BY CRITERIA.
5. NOTES SECTION: REMOVED CHART NOTE: DME/DME RNP-0.3 NA - NO LONGER REQUIRED BY CRITERIA.
6. NOTES SECTION: CHANGED BACKUP ALTIMETER NOTE FROM CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONE ROCK ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET TO READ CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONE ROCK ALTIMETER SETTING; INCREASE ALL DAS 60 FEET; INCREASE ALL MDAS 60 FEET AND CIRCLING CATS B/C VISIBILITY 1/4 SM AND MOVED TO 8260-9 GENERAL REMARKS SECTION FOR CONTINGENCY PURPOSES - NEW CIRCLING CRITERIA APPLIED.
7. NOTES SECTION: REMOVED UKN VOR/DME PLANVIEW NOTE - FPT REQUEST PER IFPR/UKN DECOMMISSIONING PER VORMON PROGRAM.
8. NOTES SECTION: REMOVED RNAV GLIDEPATH CHART PROFILE NOTE - TCH WITHIN 3 FEET.
9. ADDITIONAL FLIGHT DATA SECTION: REMOVED CHART FROM FAS OBSTACLE NOTE - AAO OBSTACLES NOT CHARTED.
10. ADDITIONAL FLIGHT DATA SECTION: ADDED CHART CIRCLING ICON - REQUIRED DOCUMENTATION BY CRITERIA.
11. ADDITIONAL FLIGHT DATA SECTION HOLDING INBOUND COURSE: CHANGED DECIMAL PORTION FROM .27 TO READ .28 - TARGETS BUILD FOR RNAV GPS RWY 25 AMDT 2 IAP @ KOVS.
12. MINIMUMS SECTION: CHANGED CAT B ALTERNATE MINIMUMS CEILING FROM 900 TO READ 1000 - NEW CIRCLING CRITERIA APPLIED.
13. MINIMUMS SECTION: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE - REQUIRED DOCUMENTATION BY CRITERIA.
14. MINIMUMS SECTION: CHANGED CIRCLING CAT B CMDA/HAA FROM 1560/887 TO READ 1580/907 AND CIRCLING CAT C CMDA/HAA FROM 1580/907 TO READ 1620/947 - NEW CIRCLING CRITERIA APPLIED.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**DEVELOPED BY**

*Digitally signed by*

MICHAEL R. GARRITY JR. **MICHAEL GARRITY**

Dec 13, 2019

**APPROVED BY**

MARLON ROBINSON

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**DAVID DANNER**

Dec 30, 2019

**OFFICE**

*Digitally signed by*

**DATE**

**DAVID DANNER**

Dec 30, 2019

**OFFICE**

AJV-A423

**DATE**

11/19/2019

**OFFICE**

AJV-A420

**DATE****TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOV5
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	430937.4275N
LTP/FTP LONGITUDE	0904044.4715W
LTP/FTP ELLIPSOIDAL HEIGHT	+01707
FPAP LATITUDE	431012.1100N
FPAP LONGITUDE	0903852.3200W
THRESHOLD CROSSING HEIGHT (TCH)	00038.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3B278463

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02037
FPAP ORTHOMETRIC HEIGHT	+02037

