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.

AIRPORT ID KEOP	PROCEDURI RNAV (GPS)		· · · · · · · · · · · · · · · · · · ·	<u>CITY</u> VERLY	STATE OH	
AIRPORT ELEVATION 661	<u>TDZE</u> 661	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	ORIGINAL/AMENDMENT 1B	DATED 10/07/2021	MAG VAR 6W	EPOCH YEAR 2000
FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SU	<u>SPEND</u>	

ROUTINE

15 JUNE 2023

TERMINAL ROUTES

RNAV

FROM	FIX TYPE	<u>10</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	<u>COURSE</u>	DISTANCE	ALTITUDE
SHIRT		FIMOJ		TF	FB	1.00	154.52	31.77	3000
FIMOJ	IAF	TUKIW		TF	FB	1.00	157.89	7.00	3000
GIJWE	IAF	TUKIW		TF	FB	1.00	338.07	7.00	3000
TUKIW	IF	UBDOW		TF	FB	1.00	067.97	6.73	2300
UBDOW	FAF	WETBI/2.11 NM TO RW07		TF	FB	0.30	068.05	2.21	
WETBI/2.11 NM TO RW07		RW07	MAP	TF	FO	0.30	068.05	2.11	
RW07	MAP	1061 MSL		CA			068.05		
1061 MSL		IGMIY		DF	FO	1.00			3000

MISSED APPROACH

MAP: LP: RW07 LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT IGMIY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

ONALITY 10 CHECKED
 AIRPORT ID
 PROCEDURE NAME
 ORIGINAL/AMENDMENT
 CITY
 STATE

 KEOP
 RNAV (GPS) RWY 7
 2
 WAVERLY
 OH

PROFILE:

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

2. PROFILE STARTS AT TUKIW

4. MIN ALT: TUKIW 3000, UBDOW 2300, WETBI/2.11 NM TO RW07 1480

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: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:

8. MSA FROM: RW07 3100

EQUIPMENT REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHIRT ON V5 NORTHEAST BOUND.

CHART NOTE: USE GREATER PORTSMOUTH RGNL ALTIMETER SETTING; WHEN NOT RECEIVED, USE ROSS COUNTY ALTIMETER SETTING.

CHART NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT, CIRCLING RWY 7 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART GREATER PORTSMOUTH RGNL AWOS.

HOLD E, LT, 248.24 INBOUND.

CHART FAS OBST: 959 TREE (39-049194) 390948N/0825754W, 769 TREE (39-046547) 390931N/0825639W.

CHART BRUSH CREEK MOA. CHART BUCKEYE MOA. WAAS CHANNEL # 56437

REFERENCE PATH ID: W07A

CHART CIRCLING ICON.

CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

LTP HAE: 167.1 M

MINIMUMS:

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

ALTERNATE: NA



CATEGORY:	A		В		С			D			E				
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA									
LP MDA	1080	1	419	1080	1	419	1080	1 1/8	419	1080	1 1/8	419		, NI 1.	
LNAV MDA	1340	1	679	1340	1	679	1340	1 7/8	679	1340	1 7/8	679		0 ^{NAL} /7 _L	
CIRCLING	1500	1 1/4	839	1520	1 1/4	859	1580	2 3/4	919	1700	3	1039		CHECKED	

AIRPORT ID
KEOPPROCEDURE NAME
RNAV (GPS) RWY 7ORIGINAL/AMENDMENT
2CITY
WAVERLYSTATE
WAVERLY

CHANGES - REASONS

- 1. TERMINAL ROUTES: REMOVED FEEDER ROUTE YRK VORTAC TO GIJWE PER FPT REQUEST.
- 2. TERMINAL ROUTES: CHANGED FIMOJ TO TUKIW COURSE / DISTANCE FROM "157.90 / 6.30" TO "157.89 / 7.00" TO SUPPORT ATC VECTORS.
- 3. TERMINAL ROUTES: CHANGED GIJWE TO TUKIW COURSE / DISTANCE FROM "338.06 / 6.30" TO 338.07 / 7.00" TO SUPPORT ATC VECTORS.
- 4. TERMINAL ROUTES: CHANGED SHIRT TO FIMOJ COURSE / DISTANCE FROM "154.59 / 32.47" TO "154.52 / 31.77" TO ALIGN WITH NEW INITAL FIX POSITION.
- 5. TERMINAL ROUTES: CHANGED UBDOW TO WETBI COURSE / DISTANCE FROM "68.04 / 2.54" TO "68.05 / 2.21" TO ALIGN WITH NEW FAF POSITION.
- 6. TERMINAL ROUTES: CHANGED WETBI TO RWY 7 COURSE / DISTANCE FROM "68.04 / 2.50" TO "68.05 / 2.11" TO ALIGN WITH NEW STEPDOWN POSITION.
- 7. TERMINAL ROUTES: CHANGED CA LEG COURSE FROM " 68.04" TO "68.05" TO ALIGN WITH NEW STEPDOWN POSITION.
- 8. TERMINAL ROUTES: CHANGED TUKIW TO UBOW DISTANCE FROM "6.01" TO "6.73" TO ALIGN WITH NEW FAF POSITION.
- 9. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YRK VORTAC ON AIRWAY RADIALS 276 CW 062 PER FPT.
- 10. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST: 985 TOWER (39-004353) 390849N/0825901W, 769 (39-046547) TREE 390931N/0825639W." TO "959 TREE (39-049194) 390948.34N/0825753.94W, 769 (39-046547) TREE 390931N/0825639W." NEW TARGETS RESULTS.
- 11. PROFILE: CHANGED LINE 3 FAC FROM "68.04" TO "68.05" TO ALIGN WITH NEW FAF POSITION.
- 12. PROFILE: CHANGED LINE 3 DIST FAF TO MAP: / DIST FAF TO THLD: FROM 5.04 / 5.04 TO 4.32 / 4.32. TO ALIGN WITH NEW FAF POSITION.
- 13. TERMINAL ROUTES: CHANGED ALL INSTANCES OF WETBI/2.50 NM TO RW07" TO "WETBI/2.11 NM TO RW07" TO ALIGN WITH NEW STEPDOWN POSITION.

COORDINATED WITH:

A4A ALPA X AOPA X APA HAI NBAA X	OTHER: ZID, DAY ATCT, AMGR	Digitally signed by
FLIGHT CHECKED BY MICHAEL A GREENWOOD	OFFICE DATE FPO 04/14/2023	ERIC N SUSKI Apr 18, 2023
DEVELOPED BY ERIC N SUSKI (ZACHARY KRUEGER)	OFFICE DATE AJV-A431 12/21/2022	Digitally signed by ERIC N SUSKI Jan 20, 2023
APPROVED BY ERIC N SUSKI	OFFICE DATE AJV-A431	TITLE MANAGER
		Digitally signed by
		ERIC N SUSKI
		Jan 20, 2023

OVALITY 10 CHECKED AIRPORT ID
KEOP
RNAV (GPS) RWY 7
2
WAVERLY
OH

FAS DATA BLOCK INFORMATION

DATA FIELDDATAOPERATION TYPE0SBAS SERVICE PROVIDER IDENTIFIER0AIRPORT IDENTIFIERKEOPRUNWAYRW07APPROACH PERFORMANCE DESIGNATOR0

ROUTE INDICATOR

REFERENCE PATH DATA SELECTOR 0

REFERENCE PATH IDENTIFIER (APPROACH ID) W07A

 LTP/FTP LATITUDE
 390949.7625N

 LTP/FTP LONGITUDE
 0825609.4655W

LTP/FTP ELLIPSOIDAL HEIGHT +01671

 FPAP LATITUDE
 391031.4860N

 FPAP LONGITUDE
 0825428.2110W

THRESHOLD CROSSING HEIGHT (TCH) 0.0

TCH UNITS SELECTOR (METERS OR FEET USED) F

GLIDEPATH ANGLE (GPA) 0.00

COURSE WIDTH AT THRESHOLD 106.75

LENGTH OFFSET 1256

HORIZONTAL ALERT LIMIT (HAL) 40.0

VERTICAL ALERT LIMIT (VAL) 0.0

CRC REMAINDER 59A44E76

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02007
FPAP ORTHOMETRIC HEIGHT +02007