

**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> WELLSBORO JOHNSTON	<u>AIRPORT ID</u> N38	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> WELLSBORO	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1892	<u>TDZE</u> 1892	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 01/08/2015	<u>MAG VAR</u> 11W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

TAA THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-05.

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 009/30 CW 189/30	NOPT	ODPOJ	IF/IAF	4900
2. 189/30 CW 009/30		ODPOJ	IF/IAF	4900

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>
ODPOJ	IF/IAF	ZEGOK		TF	FB	1.00	098.72	5.00	3400
ZEGOK	FAF	RW10	MAP	TF	FO	0.30	098.80	4.93	
RW10	MAP	2292 MSL		CA			098.80		
2292 MSL		ITEHO		DF	FB				
ITEHO		WUDUL		TF	FO	1.00	020.77	9.24	4500

MISSED APPROACH

MAP:

LP: RW10
 LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4500 DIRECT ITEHO AND ON TRACK 020.77 TO WUDUL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD W ODPOJ, RT, 098.72 INBOUND, 4900 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 098.80 **FAF:** ZEGOK **DIST FAF TO MAP:** 4.93 **DIST FAF TO THLD:** 4.93
- 4. **MIN ALT:** ODPOJ 4900, ZEGOK 3400
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** **GP ALT AT FAF :**
- 7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 11 AND 29.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 ZEGOK TO RW10: 3.00/40.
 CHART DUKE MOA
 WAAS CHANNEL #58130
 REFERENCE PATH ID: W10A
 HOLD SW, RT, 047.37 INBOUND
 LTP HAE: 543.6 M

MINIMUMS:

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

ALTERNATE: NA CAT A, B 900-2, CAT C 900-2 1/2

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
LP MDA	2760	1	868	2760	1 1/4	868	2760	2 1/2	868		NA					
LNAV MDA	2760	1	868	2760	1 1/4	868	2760	2 1/2	868		NA					
CIRCLING	2760	1 1/4	868	2760	1 1/4	868	2760	2 1/2	868		NA					



CHANGES - REASONS

1. UPDATED H-I-L FROM HOLD W ODPOJ, RT, 098.73 INBOUND, 4400 FT. IN LIEU OF PT (IAF) TO HOLD W ODPOJ, RT, 098.72 INBOUND, 4900 FT. IN LIEU OF PT (IAF), MAX 6000-UPDATED DOCUMENTATION CRITERIA IAW 8-6-7 B2(B).
2. UPDATED LP ALL CATS MDA/HAT FROM 2940/1048 TO 2760/868; UPDATED LP CAT A VIS FROM 1 1/4 TO 1SM, LP CAT B VIS FROM 1 1/2SM TO 1 1/4SM AND LP CAT C VIS FROM 3SM TO 2 1/2SM - AIRPORT NOW HAS ITS OWN PRIMARY ALTIMETER, NEW SURVEY INFORMATION.
3. UPDATED LNAV ALL CATS MDA/HAT FROM 3000/1108 TO 2760/868; UPDATED LNAV CAT A VIS FROM 1 1/4 TO 1SM, LNAV CAT B VIS FROM 1 1/2SM TO 1 1/4SM AND LNAV CAT C VIS FROM 3SM TO 2 1/2SM -AIRPORT NOW HAS ITS OWN PRIMARY ALTIMETER, NEW SURVEY INFORMATION.
4. UPDATED CIRCLING ALL CATS MDA/HAA FROM 3000/1108 TO 2760/868; UPDATED CIRCLING CAT A VIS FROM 1 1/4 TO 1SM, CIRCLING CAT B VIS FROM 1 1/2SM TO 1 1/4SM AND CIRCLING CAT C VIS FROM 3SM TO 2 1/2SM -AIRPORT NOW HAS ITS OWN PRIMARY ALTIMETER, NEW SURVEY INFORMATION.
5. DELETED CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT ADDED CHART NOTE: PROCEDURE NA AT NIGHT-20:1 NOT CLEAR-IAW 8260-19H 8-6-11 O(2)(A) AND 8-6-11.O(14).
6. ADDED 20:1 NOT CLEAR TO LINE 7-IWA 8260.19H 8-6-7 G(3).
7. ADDED PBN EQUIPMENT REQUIREMENT NOTE RNP APCH-NEW CRITERIA NOTE IAW 8260.19H H8-6-8 B (1).
8. DELETED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA AND ADDED CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED--20:1 NOT CLEAR IAW 8260.19H 8-6-11 K(3).
9. ADDED CHART NOTE: CIRCLING NA TO RWYS 11 AND 29-TURF RUNWAYS IAW 8260-19H 8-6-11 O(5)(E).
10. MOVED CONTINGENCY ALTIMETER NOTE TO BACK OF -9-AIRPORT NOW HAS ITS OWN PRIMARY ALTIMETER- IAW 8260-19H 8-6-9 F(3).
11. DELETED NOTE: DME/DME RNP-0.3 NA-NO LONGER NEEDED IAW 8260.19H 1-1-5 F (14).
12. UPDATED RNP ON INTERMEDIATE ROUTE FROM 0.5 TO 1.0-NEW CRITERIA IAW 8260-19H 4-6-10 F.
13. UPDATED FAS DATA LTP LATITUDE /LONGITUDE FROM 414349.7080W TO 414339.7070N TO 0772411.1420W TO 0772411.1400W; FPAP LATITUDE/LONGITUDE FROM 414343.0100N/0772212.2300W TO 414343.0015N/0772212.2255W; CRC REMAINDER FROM E728B1C6 TO 7CB909DE-UPDATED SURVEY INFORMATION.
14. CHART CIRCLING ICON-UPDATED CIRCLING CRITERIA.
15. RAISED TAA ALTITUDES FROM 4400 TO 4900 - PRECIPITOUS TERRAIN ELIMINATES MOUNTAINOUS ROC REDUCTION

1/17/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 1/7/19:
CHANGED AIRPORT ID FROM KN38 TO N38 ON ALL FORM HEADERS.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ELM APP CON, ZNY, ZOB

Digitally signed by

FLIGHT CHECKED BY
DURLEY JAN FELDER

DAVID DANNER
Jan 17, 2019

OFFICE
FIOG

DATE
12/18/2018

DEVELOPED BY
JOHN HAZELTON

Digitally signed by
DAVID DANNER
Jan 17, 2019

OFFICE
AJV-5421

DATE
09/25/2018

APPROVED BY
JULIE MORGAN

Digitally signed by
DAVID DANNER
Jan 17, 2019

OFFICE
AJV-5420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N38
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	414339.7070N
LTP/FTP LONGITUDE	0772411.1400W
LTP/FTP ELLIPSOIDAL HEIGHT	+05436
FPAP LATITUDE	414343.0015N
FPAP LONGITUDE	0772212.2255W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	7CB909DE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05759
FPAP ORTHOMETRIC HEIGHT	+05759

