

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> DELAWARE MUNI - JIM MOORE FIELD	<u>AIRPORT ID</u> KDLZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> DELAWARE	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 945	<u>TDZE</u> 945	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
MEEKS		ITENY		TF	FB	2.00	133.52	24.91	3000
PIZZA		HABNI		TF	FB	2.00	089.26	21.74	3100
ITENY	IAF	PICUM		TF	FB	1.00	194.54	6.50	3000
HABNI	IAF	PICUM		TF	FB	1.00	014.52	6.50	3000
PICUM	IF	WEBUT		TF	FB	1.00	284.53	7.22	2600
WEBUT	FAF	RW28	MAP	TF	FO	0.30	284.42	5.07	
RW28	MAP	1195 MSL		CA			284.42		
1195 MSL		MOSQI		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT MOSQI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT PICUM
3. FAC:

284.42

FAF: WEBUT

DIST FAF TO MAP: 5.07

DIST FAF TO THLD: 5.07
4. MIN ALT: PICUM 3000, WEBUT 2600
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.66
6. MIN GP INCPT:

2600

GP ALT AT FAF : WEBUT 2600

OM:

MM:

IM:
7. GP ANGLE:

3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 40.7
8. MSA FROM: RW28 3100

PBN EQUIPMENT REQUIREMENTS NOTES

RNP APPROACH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEEKS ON V38 NORTHWEST BOUND.
CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.36 NM TO RW28*
*LNAV ONLY
WAAS CHANNEL #50506
REFERENCE PATH ID: W28A
FAS OBST: 1160 AAO 401559N/0830037W.
HOLD W, LT, 104.18 INBOUND
LTP HAE: 254 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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	1195	7/8	250	1195	7/8	250	1195	7/8	250	1195	7/8	250			
LNAV/VNAV DA	1406	1 3/4	461	1406	1 3/4	461	1406	1 3/4	461	1406	1 3/4	461			
LNAV MDA	1420	1	475	1420	1	475	1420	1 3/8	475	1420	1 3/8	475			
CIRCLING	1420	1	475	1420	1	475	1560	1 3/4	615	1560	2	615			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
DELAWARE MUNI - JIM MOORE FIELD	KDLZ	RNAV (GPS) RWY 28	1A	DELAWARE	OH

CHANGES - REASONS

- 1. DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIZZA ON V12 EASTBOUND - THIS PORTION OF V12 IS TO BE CANCELLED - 14 CFR PART 71, V12, P. 1584.
- 2. AMENDED RNP VALUE ON IF FROM 0.5 TO 1.0 - 8260.58A, TABLE 1-2-1.
- 3. ADDED RNP APCH TO PBN EQUIPMENT REQUIREMENT NOTES - 8260.19H, CH 8, 8-6-8 B(1).
- 4. REMOVED CHART NOTE: DME/DME RNP 0.3 NA - 8260.19H, CH 8, 8-6-8 N.
- 5. AMENDED CHART NOTE: FOR UNCOMPENSATED BARO-NAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (10F) TO CHART NOTE: FOR UNCOMPENSATED BARO-NAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C - 8260.19H, CH 8, 8-6-9 S.
- 6. CHANGED CRC REMAINDER FROM 5E9E2FEE TO DAA8BA73 - LTP/FPAP COORDINATES UPDATED, AND LTP/FPAP ELLIPSOIDAL AND LTP/FPAP ORTHOMETRIC HEIGHTS UPDATED.
- 7. ON LINE 7, ADDED 20:1 IS CLEAR - CHARTING REQUIREMENT PER 8260.19H, 8-6-7 G(3).



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZOB, ZID, CMH APP CON, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

DEVELOPED BY

LONNIE EVERHART (KELLY CARLSON)

APPROVED BY

LONNIE EVERHART

OFFICE

OFFICE

OFFICE

AJV-5400

DATE

DATE

DATE

Digitally signed by
ROBERT G HAMILTON
Apr 25, 2018

Digitally signed by
ROBERT G HAMILTON
Apr 25, 2018

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Apr 25, 2018

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDLZ
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	401642.1955N
LTP/FTP LONGITUDE	0830611.1605W
LTP/FTP ELLIPSOIDAL HEIGHT	+00254
FPAP LATITUDE	401655.1205N
FPAP LONGITUDE	0830806.3505W
THRESHOLD CROSSING HEIGHT (TCH)	00040.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DAA8BA73
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02879
FPAP ORTHOMETRIC HEIGHT	+02879

