

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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 ID</u> KBLM	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> BELMAR/FARMINGDALE	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 153	<u>TDZE</u> 153	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>REQUIRED EFFECTIVE DATE</u> 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>
FALON		WOVNO		TF	FB	1.00	042.36	11.28	2000
WOVNO	IAF	KAYLO	NOPT	TF	FB	1.00	029.31	5.42	2000
KAYLO	IF/IAF	DUNKN		TF	FB	1.00	324.56	6.00	1600
DUNKN	PFAF	RW32	MAP	TF	FO	0.30	324.49	4.24	
RW32	MAP	403 MSL		CA			324.49		
403 MSL		HAVOT		DF	FB	1.00			
HAVOT		RBV VORTAC		TF	FO	1.00	277.78	14.82	2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT HAVOT, TRACK 277.78 TO RBV VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE KAYLO, RT, 324.56 INBOUND, 2000 IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 324.49
 PFAF: DUNKN DIST PFAF TO MAP: 4.24 DIST PFAF TO THLD: 4.24
4. MIN ALT: KAYLO 2000, DUNKN 1600
5. DIST TO THLD FROM PFAF: 4.24 MM: IM: 150 HAT: 250 HAT: 0.61
6. MIN GP INCPT: 1600 GP ALT AT PFAF: DUNKN 1600 MM: IM:
7. GP ANGLE: 3.10 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 51

8. MSA FROM: RW32 2100

PBN REQUIREMENTS NOTES:

RNP APCH - GPS

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C.
CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUTHORIZED
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKEHURST ALTIMETER SETTING AND INCREASE LPV DA TO 442 FEET, INCREASE LNAV/VNAV DA TO 442 FEET.
CHART NOTE: BARO-VNAV NA WHEN USING LAKEHURST ALTIMETER SETTING.
CHART SPEED ICON IN PLANVIEW AT WOVNO: MAX 230 KIAS
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FALON ON V312/T416 WESTBOUND AND V184 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 052.11 INBOUND
WAAS CHANNEL: #78572
REFERENCE PATH ID: W32A
LTP HAE (WGS84): +13.8 M
NON-FAA PROCEDURE

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD. NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:

FINAL TYPE	DA/MDA	A VIS	HAT/HAA	DA/MDA	B VIS	HAT/HAA	DA/MDA	C VIS	HAT/HAA	DA/MDA	D VIS	HAT/HAA	DA/MDA	E VIS	HAT/HAA
LPV DA	403	1	250	403	1	250	403	1	250	403	1	250			
LNAV/VNAV DA	403	1	250	403	1	250	403	1	250	403	1	250			

CHANGES - REASONS:

COORDINATED WITH:

A4A ☐ ALPA ☐ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, ZDC, WRI APP CON, AMGR

FLIGHT CHECKED BY

NATHAN KURTH

Nathan Kurth

Digitally signed by Nathan Kurth
Date: 2024.03.04 13:36:06 -07'00'

OFFICE

FLIGHT TECH ENG

DATE

10/23/2023

DEVELOPED BY

CHRIS SHEHI

Christopher Shehi

Digitally signed by Christopher
Shehi
Date: 2024.03.22 21:50:25 -07'00'

OFFICE

FLIGHT TECH ENG

DATE

04/2/2024

APPROVED BY

ALEC SEYBOLD

Alec P Seybold

Digitally signed by Alec P Seybold
Date: 2024.04.11 12:16:18 -06'00'

OFFICE

FLIGHT TECH ENG

DATE

04/11/2024

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	00
SBAS SERVICE PROVIDER IDENTIFIER	00
AIRPORT IDENTIFIER	KBLM
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	00
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	401050.8200N
LTP/FTP LONGITUDE	0740657.6900W
LTP/FTP ELLIPSOIDAL HEIGHT	13.8
FPAP LATITUDE	401150.9865N
FPAP LONGITUDE	0740823.4950W
THRESHOLD CROSSING HEIGHT (TCH)	51
TCH UNITS SELECTOR (METERS OR FEET USED)	FT
GLIDEPATH ANGLE (GPA)	3.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	512
HORIZONTAL ALERT LIMIT (HAL)	40
VERTICAL ALERT LIMIT (VAL)	50
 <u>CRC REMAINDER</u>	 26368832

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	46.5
FPAP ORTHOMETRIC HIEGHT	46.5