

**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 14	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> BELMAR/FARMINGDALE	<u>STATE</u> NJ
<u>AIRPORT ELEVATION</u> 153	<u>TDZE</u> 119	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u> 12W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 JULY 2024	<u>ORIGINAL/AMENDMENT</u> NONE	<u>EPOCH YEAR</u> 1985

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>
NANCI		YOPUK		TF	FB	1.00	234.02	8.99	2000
RBV VORTAC		ZUXEM		TF	FB	1.00	060.59	5.85	2000
YOPUK	IAF	CINUP		TF	FB	1.00	233.94	5.00	2000
ZUXEM	IAF	CINUP		TF	FB	1.00	060.66	5.00	2000
CINUP	IF	VEGRY		TF	FB	1.00	144.41	4.66	1700
VEGRY		CEMAR		TF	FB	1.00	144.46	2.00	1700
CEMAR	PFAF	RW14	MAP	TF	FO	0.30	144.38	4.68	
RW14		369 MSL		CA			144.38		
369 MSL		EBULE		DF	FB	1.00			
EBULE		ZIGGI		TF	FO	1.00	168.81	6.11	2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT EBULE, TRACK 168.81 TO ZIGGI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT CINUP
3. FAC: 144.38
- PFAF: CEMAR DIST PFAF TO MAP: 4.68 DIST PFAF TO THLD: 4.68

4. MIN ALT: CINUP 2000, VEGRY 1700, CEMAR 1700
5. DIST TO THLD FROM PFAF: 4.68 MM: IM: 150 HAT: 250 HAT: 0.63
6. MIN GP INCPT: 1700 GP ALT AT PFAF: CEMAR 1700 MM: IM:
7. GP ANGLE: 3.10 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 50
8. MSA FROM: RW14 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 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKEHURST ALTIMETER SETTING AND INCREASE ALL DA BY 39 FEET.

CHART NOTE: BARO-VNAV NA WHEN USING LAKEHURST ALTIMETER SETTING.

CHART SPEED ICON IN PLANVIEW AT YOPUK: MAX 210 KIAS

CHART SPEED ICON IN PLANVIEW AT CINUP: MAX 200 KIAS

CHART SPEED ICON IN PLANVIEW AT ZUXEM: MAX 230 KIAS

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT Nanci ON V6 EASTBOUND AND V123-157 NORTHBOUND.

CHART PALNVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RBV VORTAC AIRWAY RADIALS 001 CW 122

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 029.78 INBOUND

WAAS CHANNEL: #43569

REFERENCE PATH ID: W14A

LTP HAE (WGS84): +0.8 M

NON-FAA PROCEDURE

MINIMUMS:

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

ALTERNATE: NA ☐

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	369	1	250	369	1	250	369	1	250	369	1	250			
LNAV/VNAV DA	369	1	250	369	1	250	372	1	253	383	1	264			

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 13:33:56 -07'00'

OFFICE
FLIGHT TECH
DATE
10/23/2023

DEVELOPED BY

CHRIS SHEHI

Christopher Shehi

Digitally signed by Christopher
Shehi
Date: 2024.03.28 12:07:51 -07'00'

OFFICE
FLIGHT TECH
DATE
03/28/2024

APPROVED BY

ALEC SEYBOLD

Alec P Seybold

Digitally signed by Alec P Seybold
Date: 2024.04.11 22:44:05 -06'00'

OFFICE
FLIGHT TECH
DATE
04/11/2024
TITLE
CHIEF DESIGNER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	00
SBAS SERVICE PROVIDER IDENTIFIER	00
AIRPORT IDENTIFIER	KBLM
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	00
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	401139.8000N
LTP/FTP LONGITUDE	0740807.5300W
LTP/FTP ELLIPSOIDAL HEIGHT	0.8
FPAP LATITUDE	401039.6325N
FPAP LONGITUDE	0740641.7300W
THRESHOLD CROSSING HEIGHT (TCH)	50
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>	 5526E96E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	33.5
FPAP ORTHOMETRIC HIEGHT	33.5