

**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 BML	PROCEDURE NAME RNAV (GPS) RWY 18	ORIGINAL/AMENDMENT 1	CITY BERLIN	STATE NH
AIRPORT ELEVATION 1161	TDZE 1161	SUPERSEDED RNAV (GPS) RWY 18	DATED 02/20/2025	MAG VAR 16W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 19 MARCH 2026	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2010
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GMA NDB		ELSEQ		TF	FO	1.00	047.22	31.55	6300
HURDS		UMUMY		TF	FB	1.00	104.79	23.00	6300
PLOTT		ELSEQ		TF	FO	1.00	083.86	41.39	6300
UMUMY	IAF	ELSEQ	NOPT	TF	FB	1.00	156.90	10.30	6300
ELSEQ	IF/IAF	PIPPO		TF	FB	1.00	174.94	4.05	4800
PIPPO		ACCOW		TF	FB	1.00	174.86	2.95	4100
ACCOW	FAF	HELNO/3.87 NM TO RW18		TF	FB	0.30	175.02	3.87	
HELNO/3.87 NM TO RW18		HNNNT/2.58 NM TO RW18		TF	FB	0.30	175.02	1.29	
HNNNT/2.58 NM TO RW18		RW18	MAP	TF	FO	0.30	175.02	2.58	
RW18	MAP	1600 MSL		CA			175.02		1600
1600 MSL		ELSEQ		DF	FO	1.00			6300

MISSED APPROACH

MAP:

LP: RW18
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 210 KIAS UNTIL ELSEQ) CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 6300 DIRECT ELSEQ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD N ELSEQ, LT, 174.94 INBOUND, 6300 IN LIEU OF PT (IAF), MAX 8000.
- 3. **FAC:** 175.02 **FAF:** ACCOW **DIST FAF TO MAP:** 7.75 **DIST FAF TO THLD:** 7.75
- 4. **MIN ALT:** ELSEQ 6300, PIPPO 4800, ACCOW 4100, HELNO/3.87 NM TO RW18 2660, HNNNT/2.58 NM TO RW18 2180
- 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:** RW18 7500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GMA NDB BEARING 317 CW 137.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HIE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LP VISIBILITY CAT C/D 1/8 SM.
 CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1695 TREE 443742N/0711115W, 1415 TREE (33-020134) 443630N/0711115W.
 CHART CONDOR 1 AND YANKEE 1 MOA'S.
 WAAS CHANNEL # 61347
 REFERENCE PATH ID: W18A
 HNNNT TO RW18: 3.50/60.
 LTP HAE: 327.3 M

MINIMUMS:

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

ALTERNATE: NA CAT A 1100-2, CAT B 1200-2, CAT C 1500-3, CAT D 1600-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1840	1	679	1840	1	679	1840	1 7/8	679	1840	1 7/8	679				
LNAV MDA	1960	1	799	1960	1 1/4	799	1960	2 1/2	799	1960	2 1/2	799				
CIRCLING	2180	1 1/4	1019	2280	1 1/2	1119	2600	3	1439	2720	3	1559				



CHANGES - REASONS

1. ADDED LP MINIMA - FPT REQUESTED.
2. ADDED FAS DATA - LP MINIMUMS.
3. CHANGED GMA NDB TO ELSEQ COURSE/DISTANCE/ALTITUDE FROM 052.95/33.45/5800 TO 047.22/31.55/6300 - ELSEQ MOVED 3.8 NM WEST.
4. CHANGED HURDS TO UMUMY ALTITUDE FROM 5800 TO 6300 - ALTITUDE AT IF INCREASED.
5. CHANGED PLOTT TO ELSEQ COURSE/DISTANCE/ALTITUDE FROM 085.94/44.81/5800 TO 083.86/41.39/6300 - ELSEQ MOVED 3.8 NM WEST.
6. CHANGED UMUMY TO ELSEQ COURSE/DISTANCE/ALTITUDE FROM 144.88/13.16/5000 TO 156.90/10.30/6300 - ELSEQ MOVED 3.8 NM WEST.
7. CHANGED ELSEQ TO PIPPO COURSE/DISTANCE/ALTITUDE FROM 190.04/3.48/4400 TO 174.94/4.05/4800 - PIPPO MOVED 2.7 NM WEST.
8. CHANGED PIPPO TO ACCOW COURSE/DISTANCE/ALTITUDE FROM 190.04/2.52/3900 TO 174.86/2.95/4100 - PIPPO MOVED 1.9 NM WEST.
9. CHANGED HELNO/2.36 NM TO BIISN TO HELNO/3.87 NM TO RW18 - HELNO MOVED 1.2 NM WEST.
10. CHANGED ACCOW TO HELNO/3.87 NM TO RWY18 COURSE/DISTANCE FROM 190.04/4.74 TO 175.02/3.87 - HELNO MOVED 1.2 NM WEST.
11. REMOVED BIISN WAYPOINT - MOVED FAC NOT USING BIISN AS A MAP.
12. ADDED HNNNT WAYPOINT SDF - NEW CONTROLLING OBSTACLE.
13. REMOVED ROUTE HELNO/2.36 TO BIISN - MOVED FAC NOT USING BIISN AS A MAP
14. ADDED ROUTE HELNO/3.87 NM TO RW18 TO HNNNT/2.58 TO RW18 - NEW CONTROLLING OBSTACLE.
15. ADDED ROUTE HNNNT/2.58 TO RW18 TO RW18 (MAP) - NEW CONTROLLING OBSTACLE.
16. ADDED 1600 TO MISSED APPROACH CA LEG - FPT REQUEST.
17. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMBING RIGHT TURN TO 5000 DIRECT ELSEQ AND HOLD." TO "(DO NOT EXCEED 210 KIAS UNTIL ELSEQ) CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 6300 DIRECT ELSEQ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6300." - PER FPT REQUEST.
18. CHANGED HILPT FROM HOLD N ELSEQ, LT, 190.04 INBOUND, 5000 IN LIEU OF PT (IAF), MAX 6000 TO HOLD N ELSEQ, LT, 174.94 INBOUND, 6300 IN LIEU OF PT (IAF), MAX 8000 - COURSE CHANGED WITH NEW CONTROLLING OBSTACLES.
19. CHANGED FAC FROM 190.04 TO 175.02 - MOVED TO ALIGN WITH RUNWAY CENTERLINE.
20. CHANGED MSA FROM BIISN TO RW18 - BIISN CANCELLED.
21. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PLOTT ON V447 SOUTHWEST BOUND - AIRWAY V447 CANCELLED.
22. CHANGED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GMA NDB BEARING 323 CW 143 TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GMA NDB BEARING 317 CW 137 - FEEDER ANGLE TO ELSEQ CHANGED.
23. CHANGED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HIE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT A 1/4 SM TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HIE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LP VISIBILITY CAT C/D 1/8 SM - NEW LP MINIMA AND CONTROLLING OBSTACLES.
24. CHANGED CHART FAS OBST: 1879 TREE 443733N/0711239W TO CHART FAS OBST: 1695 TREE 443742N/0711115W, 1415 TREE (33-020134) 443630N/0711115W - NEW FAS OBSTACLES.
25. REMOVED CHART 2213 TREE 444239N/0711300W - NEW 7:1 OBSTACLE.
26. ADDED WAAS CHANNEL # 61347 - ADDED LP APPROACH.
27. ADDED LTP HAE: 327.3 M - ADDED LP APPROACH.
28. REMOVED FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD - NEW FAC ALIGNED WITH RUNWAY CENTERLINE.
29. CHANGED HELNO TO RW18: 3.35/50 TO HNNNT TO RW18: 3.50/60 - FPT REQUEST AND NEW SDF.
30. REMOVED CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.97 DEGREES - NEW FAC ALIGNED WITH RUNWAY CENTERLINE.
31. CHANGED LNAV MDA/VIS/HAT CAT A FROM 2040/1/879 TO 1960/1/799, CAT B FROM 2040/1 1/4/879 TO 1960/1 1/4/799, CAT C FROM 2040/2 1/2/879 TO 1960/2 1/2/799, CAT D FROM 2040/2 3/4/879 TO 1960/2 1/2/799 - NEW CONTROLLING OBSTACLES.
32. CHANGED CIRCLING CMDA/HAA CAT C FROM 2580/1419 TO 2600/1439, CAT D FROM 2740/1579 TO 2720/1559 - NEW CONTROLLING OBSTACLES.
33. ADDED ADDITIONAL FLIGHT DATA REFERENCE PATH ID: W18A - NEW LP MINIMUMS.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZBW, BGR FSS, AMGR

FLIGHT CHECKED BY

JAMES R JONES

Digitally signed by
ROBERT G HAMILTON
 Jan 26, 2026

OFFICE

AJF

DATE

01/21/2026

DEVELOPED BY

TIMOTHY DUNN

Digitally signed by
ROBERT G HAMILTON
 Jan 26, 2026

OFFICE

AJV-A433

DATE

11/04/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
 Jan 26, 2026

OFFICE

AJV-A443

DATE

TITLE
MANAGER



AIRPORT ID
BML

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
1

CITY
BERLIN

STATE
NH

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBML
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	443455.3055N
LTP/FTP LONGITUDE	0711046.1690W
LTP/FTP ELLIPSOIDAL HEIGHT	+03273
FPAP LATITUDE	443332.0835N
FPAP LONGITUDE	0711001.6575W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0

CRC REMAINDER 309594B0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03540
FPAP ORTHOMETRIC HEIGHT	+03540

