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	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BML	RNAV (GPS) RWY 18	1	BERLIN	NH

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1161	1161	RNAV (GPS) RWY 18	ORIG-D	02/20/2025	16W	2010

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

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:

QUALITY 10 CHECKED

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			

QUALITY 10 CHECKED

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

QUALITY 10 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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

QUALITY 10 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BML	RNAV (GPS) RWY 18	1	BERLIN	NH	1161	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM	TO
GMA NDB	ELSEQ

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	31.55				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (33-022361)	445008.89N/0711904.29W	3872	500	125	5E	2000				AT428	6300
TERRAIN	444048.00N/0712254.00W	3658 (3700)								AS1500	5200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM	TO
HURDS	UMUMY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	23.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	445512.00N/0714739.00W	3531	215	8	4B	2000				AT769	6300
TERRAIN	445512.00N/0714739.00W	3330 (3300)								AS1500	4800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 10 CHECKED

FEEDER

FROM	TO
PLOTT	ELSEQ

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	41.39				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	444730.00N/0712845.00W	3924	215	8	4B	2000				AT376	6300
TERRAIN	444730.00N/0712845.00W	3723 (3700)								AS1500	5200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM	TO
UMUMY	ELSEQ

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	10.30				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (33-022361)	445008.89N/0711904.29W	3872	500	125	5E	1000				PR160 AT1268	6300
TERRAIN	445009.00N/0711906.00W	3467 (3500)								AS1500	5000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 10 CHECKED

INTERMEDIATE

FROM	TO
ELSEQ (IF/IAF)	PIPPO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	4.05				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (33-022368)	444804.20N/0711849.45W	3870	500	125	5E	500				AC125 PR120 AT185	4800
TERRAIN	444806.00N/0711851.00W	3458 (3500)								AS1000	4500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM	TO
PIPPO	ACCOW

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	2.95				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (33-022403)	444439.37N/0711700.19W	3298	500	125	5E	500				AC125 PR80 AT97	4100
TERRAIN	444439.00N/0711700.00W	2883 (2900)								AS1000	3900

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 10 CHECKED

FINAL: LP

FROM	TO
ACCOW	HELNO/3.87 NM TO RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.87				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	444112.00N/0711418.00W	2031	215	8	4B	250				RA60 XL88 DG231	2660

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP STEPDOWN

FROM	TO
HELNO/3.87 NM TO RW18	HNNNT/2.58 NM TO RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.29				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (33-020116)	443734.16N/0711239.69W	1858	20	10	1B	250				RA60	2180

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP STEPDOWN

FROM	TO
HNNNT/2.58 NM TO RW18	RW18

QUALITY 10 CHECKED

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.58		RW18	679	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (33-020134)	443629.70N/0711115.22W	1415	20	3	1A	250				MA175	1840

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
ACCOW	HELNO/3.87 NM TO RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.87				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	444121.98N/0711432.05W	2260	50	20	2C	250				RA60 XL88	2660

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
HELNO/3.87 NM TO RW18	HNNNT/2.58 NM TO RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.29				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (33-020116)	443734.16N/0711239.69W	1858	20	10	1B	250				RA60	2180

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
HNNNT/2.58 NM TO RW18	RW18

QUALITY 10 CHECKED

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.58		RW18	799	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	443742.00N/0711115.00W	1695	215	8	4B	250				SA-30 MA45	1960

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM	TO
ELSEQ	P-9

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-9			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (33-022361)	445008.89N/0711904.29W	3872	500	125	5E	1000				PR190	5100
TERRAIN	444709.00N/0712242.00W	3612 (3600)								AS1500	5100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM	TO
RW18	ELSEQ

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1740

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (33-022368)	444804.20N/0711849.45W	3870	500	125	5E		ASC				6300
WINDMILL (33-022368)	444804.20N/0711849.45W	3870	500	125	5E	1000				PR140	5100
TERRAIN	444806.00N/0711851.00W	3458 (3500)								AS1500	5000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 10 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BML	RNAV (GPS) RWY 18	1	BERLIN	NH	1161	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW18	ELSEQ

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1860

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	443700.00N/0710909.00W	2108	215	8	4B		ASC				6300
WINDMILL (33-022368)	444804.20N/0711849.45W	3870	500	125	5E	1000				PR140	5100
TERRAIN	444806.00N/0711851.00W	3458 (3500)								AS1500	5000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	443328.02N/0710846.41W	1.31	1019	1880	50	20	2C	300			2180
CATEGORY B											
TREE	443325.78N/0710837.90W	1.85	1119	1980	50	20	2C	300			2280
CATEGORY C											
TREE	443715.65N/0710835.37W	2.93	1439	2300	50	20	2C	300			2600
CATEGORY D											
TREE	443620.31N/0710653.66W	3.85	1559	2420	50	20	2C	300			2720

CIRCLING REMARKS:

QUALITY 10 CHECKED

MSA

CENTER	RADIUS
RW18	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	441615.00N/0711812.00W	211	19.8	6480	215	8	4B	1000			7500

MSA REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BML	RNAV (GPS) RWY 18	1	BERLIN	NH	1161	RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, BGR FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	BML	24	BML		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	HIE	24	HIE	20.20	Y	59

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KBML 1161
KHIE 1072
RA = 59.0

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G	
RW36 - REIL (PCL), HIRL (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.50	64.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 18:	
20:1		
1196 TREE (33-020183) 443503.5300N/0711047.7900W (3.71)		
FINAL TYPE	CIRCLING RWY 36:	
20:1		
1388 TREE (33-020371) 443318.7600N/0711004.6900W (17.36)		1391 TREE (33-020374) 443318.3300N/0710959.6600W (11.82)

QUALITY 10 CHECKED

1393 TREE (33-020373) 443317.1500N/0710959.0800W (7.49)	1377 TREE (33-020377) 443319.4300N/0710957.9700W (0.84)
1387 TREE (33-020375) 443317.4900N/0710957.2700W (0.76)	1340 TREE (33-020349) 443325.6000N/0711003.8200W (0.58)
FINAL TYPE LP, LNAV:	
20:1	
1196 TREE (33-020183) 443503.5300N/0711047.7900W (3.71)	
FINAL TYPE LP, LNAV:	
34:1	
1190 TREE (33-020168) 443503.2700N/0711052.2500W (7.81)	1241 TREE (33-020154) 443521.7500N/0711053.8700W (6.16)
1191 TREE (33-020181) 443505.8100N/0711050.0900W (3.38)	1187 TREE (33-020182) 443505.1200N/0711049.4700W (1.77)
1195 TREE (33-020176) 443506.2900N/0711057.2300W (0.62)	
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - OBSTACLES PENETRATE 20:1 SURFACE.

CONTINGENCY NOTES TO REMAIN PUBLISHED PERMANENTLY PER ATC REQUEST.
TAA NOT DEVELOPED PER ATC.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
100 FT VEGETATION HEIGHT USED PER FPT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 2487 AAO 444148.00N/0711503.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

QUALITY 10 CHECKED

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	5.58
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.42
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	159.02
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	2300
DISTANCE FROM	THLD	**TO 1500FT POINT**	7.15
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	1.76
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	159.02
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	3500

THRESHOLD COORDINATES (IF STR-IN)	443455.31N/0711046.17W
ARP COORDINATES	443431.30N/0711033.30W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 18 DISTANCE 0.43 NM
FAF COORDINATES	444209.27N/0711438.92W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TIMOTHY DUNN	AJV-A433	11/04/2025	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 10 CHECKED