

**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 ID</u> LEB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> LEBANON	<u>STATE</u> NH
<u>AIRPORT ELEVATION</u> 606	<u>TDZE</u> 573	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 11/27/2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 16W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 094/30 CW 274/30	NOPT	094/6 CW 274/6		7000
2. 094/6 CW 274/6		HAMMM	IF/IAF	4600
3. 274/30 CW 004/30		274/4 CW 004/4		6600
4. 274/4 CW 004/4		FRYYS	IAF	4900
5. 004/30 CW 094/30		004/4 CW 094/4		6500
6. 004/4 CW 094/4		IWANT	IAF	4600

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>
IWANT	IAF	HAMMM	NOPT	TF	FB	1.00	093.79	9.00	4600
FRYYS	IAF	HAMMM	NOPT	TF	FB	1.00	274.07	9.00	4600
HAMMM	IF/IAF	BURGR		TF	FB	1.00	183.93	4.79	3100
BURGR		ANNND		TF	FB	1.00	183.95	1.40	2900
ANNND	FAF	SHKKE/4.54 NM TO RW18		TF	FB	0.30	183.95	2.43	
SHKKE/4.54 NM TO RW18		TOOGO/3.51 NM TO RW18		TF	FB	0.30	183.95	1.03	
TOOGO/3.51 NM TO RW18		RW18	MAP	TF	FO	0.30	183.95	3.51	
RW18	MAP	1900 MSL		CA			183.95		1900
1900 MSL		HAMMM		DF	FO	1.00			3900

QUALITY
37
CHECKED

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 3900 DIRECT HAMMM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N HAMMM, LT, 183.93 INBOUND, 4600 IN LIEU OF PT (IAF), MAX 7000.
3. FAF: 183.95FAF: ANNNDDIST FAF TO MAP: 6.97DIST FAF TO THLD: 6.97
4. MIN ALT: HAMMM 4600, BURGR 3100, ANNND 2900, SHKKE/4.54 NM TO RW18 2060, TOOGO/3.51 NM TO RW18 1760
5. DIST TO THLD FROM OM:MM:IM:150 HAT:360 HAT: 0.99GS ANT:
6. MIN GP INCPT: 2900GP ALT AT PFAF: ANNND 2900OM:MM:IM:
7. GP ANGLE: 3.1034:1: IS NOT CLEAR20:1: IS NOT CLEARTCH: 42.4
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VSF ALTIMETER SETTING AND INCREASE LPV DA TO 982 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET.
CHART NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT; CIRCLING RWY 18 AND 36 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 4900 AT FRYYS.
FAS OBST: 1440 AAO 434113N/0722012W.
WAAS CHANNEL # 93710
REFERENCE PATH ID: W18A
LTP HAE: 144 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A 1100-2, CAT B 1200-2, CAT C 1300-3, CAT D 1500-3, 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
LPV DA	933	1	360	933	1	360	933	1	360	933	1	360			
LNAV MDA	1700	1 1/4	1127	1700	1 1/2	1127	1700	3	1127	1700	3	1127			
CIRCLING	1700	1 1/4	1094	1740	1 1/2	1134	1820	3	1214	2020	3	1414			

QUALITY
37
CHECKED

CHANGES - REASONS

1. TAA: CHANGED LINE 2 FROM "2. 094/6 CW 274/6 JIKOR IF/IAF 4700" TO "2. 094/6 CW 274/6 HAMMM IF/IAF 4600" – JIKOR REMOVED FROM PROCEDURE, HAMMM ADDED, NEW CONTROLLING OBSTACLE
2. TAA: CHANGED LINE 3 FROM "3. 274/30 CW 004/30 CABIP IAF 6600" TO "3. 274/30 CW 004/30 274/4 CW 004/4 6600" – CABIP REMOVED FROM PROCEDURE, FRYYS ADDED
3. TAA: CHANGED LINE 4 FROM "4. 004/30 CW 094/30 PAKTE IAF 6400" TO "4. 274/4 CW 004/4 FRYYS IAF 4900" – ATC REQUEST, SEGMENT CHANGED, STEPDOWN SECTOR ADDED
4. TAA: ADDED LINE 5 "5. 004/4 CW 094/4 IWANT IAF 4400" – IWANT ADDED TO PROCEDURE, ATC REQUEST
5. TAA: ADDED LINE 6 "6. 004/4 CW 094/4 IWANT IAF 4600" - ATC REQUEST
6. TERMINAL ROUTES: CHANGED INITIAL SEGMENT FROM "CABIP IAF JIKOR NOPT TF FB 1.00 274.07 9.00 4700" TO "IWANT IAF HAMMM NOPT TF FB 1.00 093.79 9.00 4600" – CABIP/JIKOR REMOVED FROM PROCEDURE, IWANT/HAMMM ADDED, NEW CONTROLLING OBSTACLE
7. TERMINAL ROUTES: CHANGED INITIAL SEGMENT FROM "PAKTE IAF JIKOR NOPT TF FB 1.00 093.79 9.00 4700" TO "FRYYS IAF HAMMM NOPT TF FB 1.00 274.07 9.00 4600" – PAKTE/JIKOR REMOVED FROM PROCEDURE, FRYYS/HAMMM ADDED, NEW CONTROLLING OBSTACLE
8. TERMINAL ROUTES: CHANGED IF/IAF SEGMENT FROM "JIKOR IF/IAF YASUP TF FB 1.00 183.93 6.19 2900" TO "HAMMM IF/IAF BURGR TF FB 1.00 183.93 4.79 3100" – JIKOR REMOVED FROM PROCEDURE, HAMMM ADDED, IF/IAF FIX MOVED, NEW CONTROLLING OBSTACLE
9. TERMINAL ROUTES: ADDED IF SDF SEGMENT "BURGR ANNND TF FB 1.00 183.95 1.40 2900" – ATC REQUEST
10. TERMINAL ROUTES: CHANGED FAF SEGMENT FROM "YASUP FAF WONGI/3.76 NM TO RW18 TF FB 0.30 183.95 3.21" TO "ANNND FAF SHKKE/4.54 NM TO RW18 TF FB 0.30 183.95 2.43" – YASUP REMOVED FROM PROCEDURE, ANNND/SHKKE ADDED, ATC REQUEST
11. TERMINAL ROUTES: ADDED FINAL SDF SEGMENT "SHKKE/4.54 NM TO RW18 TOOGO/3.51 NM TO RW18 TF FB 0.30 183.95 1.03" – ATC REQUEST
12. TERMINAL ROUTES: CHANGED FINAL SDF SEGMENT FROM "WONGI/3.76 NM TO RW18 RW18 MAP TF FO 0.30 183.95 3.76" TO "TOOGO/3.51 NM TO RW18 RW18 MAP TF FO 0.30 183.95 3.51" – WONGI REMOVED FROM PROCEDURE, TOOGO ADDED, ATC REQUEST
13. TERMINAL ROUTES: CHANGED MAP CA SEGMENT FROM "RW18 MAP 2050 MSL CA 183.95 2050" TO "RW18 MAP 1900 MSL CA 183.95 1900" – MISSED APPROACH INSTRUCTIONS CHANGED, ATC REQUEST
14. TERMINAL ROUTES: CHANGED MAP DF SEGMENT FROM "2050 MSL JIKOR DF FO 1.00 4700" TO "1900 MSL HAMMM DF FO 1.00 3900" – MISSED APPROACH INSTRUCTIONS CHANGED, JIKOR REMOVED FROM PROCEDURE, HAMMM ADDED, ATC REQUEST
15. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2050 THEN CLIMBING RIGHT TURN TO 4700 DIRECT JIKOR AND HOLD. CONTINUE CLIMB IN HOLD TO 4700." TO "CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 3900 DIRECT HAMMM AND HOLD." – ATC REQUEST
16. PROFILE LINE 2: CHANGED FROM "2. HOLD N JIKOR, LT, 183.93 INBOUND, 4700 IN LIEU OF PT (IAF), MAX 6000." TO "2. HOLD N HAMMM, LT, 183.93 INBOUND, 4600 IN LIEU OF PT (IAF), MAX 7000." – HILPT INSTRUCTIONS CHANGED PER ATC REQUEST
17. PROFILE LINE 3: CHANGED FAF POINT FROM "YASUP" TO "ANNND" – YASUP REMOVED, ANNND ADDED, ATC REQUEST
18. PROFILE LINE 4: CHANGED FROM "4. MIN ALT: JIKOR 4700, YASUP 2900, WONGI/3.76 NM TO RW18 1840" TO "4. MIN ALT: HAMMM 4600, BURGR 3100, ANNND 2900, SHKKE/4.54 NM TO RW18 2060, TOOGO/3.51 NM TO RW18 1760" – JIKOR/YASUP/WONGI REMOVED FROM PROCEDURE, HAMMM/BURGR/ANNND/SHKKE ADDED, ATC REQUEST
19. PROFILE LINE 6: CHANGED FROM "6. MIN GP INCPT: 2900 GP ALT AT PFAF: YASUP 2900" TO "6. MIN GP INCPT: 2900 GP ALT AT PFAF: ANNND 2900" – YASUP REMOVED FROM PROCEDURE, ANNND ADDED, ATC REQUEST
20. PROFILE LINE 7: CHANGED NOTE FROM "20:1: IS CLEAR" TO "20:1: IS NOT CLEAR" – NEW SURVEYED OBSTACLES
21. NOTES: CHANGED NOTE FROM "CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." TO "CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." – 20:1 PENETRATING OBSTACLES IDENTIFIED
22. NOTES: REMOVED NOTE "CHART NOTE: CIRCLING NA SOUTH OF RWY 7-25." - NOTE WAS DOCUMENTED UNDER CIRCLING REMARKS AS A FLIGHT INSPECTION REQUEST. NO LONGER NECESSARY PER NEW TARGETS EVALUATION.
23. NOTES: REMOVED NOTE "CHART NOTE: CIRCLING RWY 7 NA AT NIGHT." - NO LONGER NECESSARY PER NEW TARGETS EVALUATION
24. NOTES: ADDED NOTE "CHART NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT; CIRCLING RWY 18 AND 36 NA AT NIGHT." – IAW 8260.3G/8260.19K
25. NOTES: ADDED NOTE "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VSF ALTIMETER SETTING AND INCREASE LPV DA TO 982 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET." – ATC REQUEST
26. ADDITIONAL FLIGHT DATA: ADDED "CHART AT OR ABOVE 4900 AT FRYYS." – ATC REQUEST
27. MINIMUMS: INCREASED CIRCLING CAT B MINIMUMS FROM "1720 1 1/2 1117" TO "1740 1 1/2 1134" – NEW CONTROLLING OBSTACLE
28. FAS DATA INFORMATION: CRC REMAINDER CHANGED FROM "7843AC7B" TO "530855CD" – LTP/FTP COORDS CHANGED, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED, FPAP COORDS CHANGED, LENGTH OFFSET CHANGED
29. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19K 8-6-12

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZBW, ARPT MGR, LEB ATCT

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

DEVON KERCHER

OFFICE

DATE

AJV-A431

05/27/2026

APPROVED BY

ROBERT G HAMILTON

OFFICE

DATE

TITLE

AJV-A431

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLEB
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	433745.5085N
LTP/FTP LONGITUDE	0721826.5055W
LTP/FTP ELLIPSOIDAL HEIGHT	+01440
FPAP LATITUDE	433618.3510N
FPAP LONGITUDE	0721800.9555W
THRESHOLD CROSSING HEIGHT (TCH)	00042.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	530855CD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01718
FPAP ORTHOMETRIC HEIGHT	+01718

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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
LEB	RNAV (GPS) RWY 18	2	LEBANON	NH	606	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 094/30 CW 274/30 **TO** 094/6 CW 274/6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	440127.00N/0714954.00W	4997	215	8	4B	2000					7000
TERRAIN	440127.00N/0714954.00W	4796 (4800)								AS1500	6300

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 094/6 CW 274/6 **TO** HAMMM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	435709.00N/0722203.00W	2586	215	8	4B	2000					4600
TERRAIN	435636.00N/0722142.00W	2332 (2300)								AS1500	3800

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
37
CHECKED

LEFT BASE AREA

FROM

274/30 CW 004/30

TO

274/4 CW 004/4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	440006.00N/0713212.00W	4521	215	8	4B	2000					6600
TERRAIN	435800.00N/0713324.00W	4005 (4000)								AS1500	5500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM

274/4 CW 004/4

TO

FRYYS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	434945.00N/0720242.00W	2825	215	8	4B	2000					4900
TERRAIN	435127.00N/0720445.00W	1984 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

004/30 CW 094/30

TO

004/4 CW 094/4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	433618.00N/0724912.00W	4430	215	8	4B	2000					6500
TERRAIN	433618.00N/0724912.00W	4229 (4200)								AS1500	5700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

004/4 CW 094/4

TO

IWANT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	434454.00N/0724042.00W	2386	215	8	4B	2000				AT214	4600
TERRAIN	434557.00N/0723354.00W	1801 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

IWANT

TO

HAMMM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	9.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	435200.00N/0722521.00W	2153	215	8	4B	1000				AT1447	4600
TERRAIN	435200.00N/0722524.00W	1952 (2000)								AS1500	3500

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

FRYY

TO

HAMMM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	9.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	435118.00N/0722030.00W	2054	215	8	4B	1000				AT1546	4600
TERRAIN	435118.00N/0722030.00W	1853 (1900)								AS1500	3400

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

HAMMM (IF/IAF)

TO

BURGR

RNP

1.00

DISTANCE

4.79

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	434721.00N/0722109.00W	2061	215	8	4B	500				AT539	3100
TERRAIN	434721.00N/0722109.00W	1860 (1900)								AS1000	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

BURGR

TO

ANNND

RNP

1.00

DISTANCE

1.40

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	434654.00N/0722115.00W	1923	215	8	4B	500				AT477	2900
TERRAIN	434436.00N/0722233.00W	1581 (1600)								AS1000	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

ANNND

TO

RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	6.97		DA		360						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (33-049896)	433749.72N/0721823.69W	588	20	3	1A		32.90:1			MA76 XP34	933

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

565 MSL LIGHTING (33-031058) IDENTIFIED AS VGS PENETRATION. ALLOWED PER 8260.3G 2-6-6(A). XP - RETAIN CURRENT MINIMUMS.

FINAL: LNAV

FROM

ANNND

TO

SHKKE/4.54 NM TO RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.43										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	434339.41N/0722143.08W	1740	50	20	2C	250				RA60 XL49 SA-45	2060

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

SHKKE/4.54 NM TO RW18

TO

TOOGO/3.51 NM TO RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.03										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	434112.88N/0722012.27W	1440	50	20	2C	250				RA60	1760

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

TOOGO/3.51 NM TO RW18

TO

RW18

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.51		RW18		1127						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	434112.88N/0722012.27W	1440	50	20	2C	250					1700

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

HAMMM

TO

P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	435709.00N/0722203.00W	2586				1000				PR80 AT1014	4600
TERRAIN	435709.00N/0722203.00W	2385 (2400)								AS1500	3900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

HAMMM

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 691				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (33-049858)	433709.34N/0721748.68W	955	20	3	1A		ASC				3900
AAO	434721.00N/0722106.00W	2061	215	8	4B	1000					3100
TERRAIN	434721.00N/0722109.00W	1860 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW18

TO

HAMMM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											1600
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3900
AAO	434721.00N/0722106.00W	2061	215	8	4B	1000					3100
TERRAIN	434721.00N/0722109.00W	1860 (1900)								AS1500	3400

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											
TOWER (33-021974)	433717.19N/0721657.36W	1.30	1094	1323	20	3	1A	300		SI	1700
CATEGORY B											
TREE (33-048672)	433630.91N/0721604.94W	1.83	1134	1423	20	10	1B	300			1740
CATEGORY C											
TREE (33-025399)	433459.67N/0721527.76W	2.88	1214	1518	20	10	1B	300			1820
CATEGORY D											
AAO	433426.13N/0721424.47W	3.78	1414	1700	50	20	2C	300		XP20	2020

CIRCLING REMARKS:

XP - RETAIN CURRENT MINIMUMS.

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, LEB TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> LEB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> LEB	<u>DISTANCE</u>	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> VSF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> VSF	<u>DISTANCE</u> 19.32	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 49

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
LEB 606, VSF 578
RA = 48.5

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW07 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G		
RW25 - REIL (PCL), MIRL (PCL), PAPI-4R (PCL)	NPI-G		
RW18 - REIL, HIRL (PCL)	PIR-G		
RW36 - HIRL (PCL), PAPI-4L	PIR-G		

<u>GLIDESLOPE ANGLE</u> 3.10	<u>ELEV RWY THRESHOLD</u> 563.5	<u>TCH</u> 42.4	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING KLEB:RW18		
20:1			
576 TREE (33-050817) 433749.30N/0721830.77W (0.46)			
FINAL TYPE	CIRCLING KLEB:RW36		
20:1			
758 TREE (33-049224) 433625.58N/0721806.45W (20.46)	782 TREE (33-052941) 433619.97N/0721809.46W (18.99)		
715 TREE (33-052420) 433634.61N/0721800.08W (17.29)	758 TREE (33-049086) 433624.75N/0721807.03W (16.79)		
761 TREE (33-049272) 433623.95N/0721807.01W (15.82)	765 TREE (33-048190) 433622.99N/0721806.86W (14.95)		



<u>AIRPORT ID</u> LEB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 2	<u>CITY</u> LEBANON	<u>STATE</u> NH	<u>AIRPORT ELEVATION</u> 606	<u>FACILITY</u> RNAV
754 TREE (33-047961) 433624.99N/0721807.95W (14.69)			799 TREE (33-021952) 433616.02N/0721806.74W (14.34)			
757 TREE (33-047064) 433624.47N/0721806.80W (14.23)			717 TREE (33-048780) 433633.50N/0721800.37W (14.02)			
760 TREE (33-051216) 433623.81N/0721806.84W (13.99)			753 TREE (33-047766) 433625.13N/0721807.38W (13.94)			
755 TREE (33-051182) 433624.72N/0721807.34W (13.88)			752 TREE (33-052184) 433625.52N/0721806.03W (13.84)			
760 TREE (33-052540) 433623.69N/0721807.10W (13.60)			753 TREE (33-049539) 433625.00N/0721807.18W (13.15)			
752 TREE (33-049559) 433625.09N/0721807.66W (12.96)			759 TREE (33-047085) 433623.82N/0721806.58W (12.84)			
750 TREE (33-052327) 433625.41N/0721807.78W (12.64)			757 TREE (33-048921) 433624.22N/0721806.22W (12.55)			
754 TREE (33-049373) 433624.60N/0721807.59W (12.48)			751 TREE (33-051479) 433625.31N/0721806.83W (12.41)			
758 TREE (33-052668) 433624.01N/0721806.03W (12.36)			760 TREE (33-049585) 433623.48N/0721806.46W (12.07)			
782 TREE (33-050048) 433618.60N/0721809.19W (11.99)			756 TREE (33-052329) 433624.22N/0721806.71W (11.92)			
759 TREE (33-052428) 433623.65N/0721806.30W (11.79)			754 TREE (33-048035) 433624.51N/0721807.16W (11.70)			
751 TREE (33-048479) 433624.93N/0721808.31W (11.66)			751 TREE (33-047371) 433625.06N/0721806.85W (11.19)			
760 TREE (33-050784) 433623.14N/0721807.08W (10.86)			715 TREE (33-048535) 433633.42N/0721758.89W (10.49)			
758 TREE (33-051373) 433623.48N/0721806.98W (10.47)			729 TREE (33-049922) 433630.65N/0721757.42W (9.64)			
758 TREE (33-025455) 433623.26N/0721807.25W (9.58)			751 TREE (33-049980) 433624.84N/0721806.16W (9.57)			
762 TREE (33-025483) 433624.40N/0721754.51W (9.47)			766 TREE (33-047724) 433621.27N/0721809.28W (9.28)			
744 TREE (33-047338) 433626.16N/0721806.29W (9.21)			750 TREE (33-051305) 433624.66N/0721807.88W (9.00)			
761 TREE (33-047304) 433622.71N/0721805.96W (8.87)			745 TREE (33-050848) 433625.64N/0721807.88W (8.85)			
749 TREE (33-047273) 433625.04N/0721806.35W (8.71)			752 TREE (33-047908) 433624.47N/0721805.88W (8.52)			
753 TREE (33-050181) 433624.03N/0721807.30W (8.43)			758 TREE (33-051826) 433623.22N/0721805.97W (8.40)			
743 TREE (33-051998) 433625.93N/0721807.68W (8.13)			760 TREE (33-052721) 433622.85N/0721805.12W (7.92)			
746 TREE (33-049020) 433625.23N/0721807.99W (7.90)			746 TREE (33-053113) 433625.14N/0721808.28W (7.68)			
750 TREE (33-048011) 433624.70N/0721805.89W (7.67)			761 TREE (33-049232) 433622.45N/0721806.04W (7.64)			
799 TREE (33-048205) 433614.30N/0721809.01W (7.56)			722 TREE (33-050560) 433630.28N/0721806.04W (7.42)			
741 TREE (33-048418) 433626.16N/0721807.70W (7.29)			758 TREE (33-053081) 433623.06N/0721805.19W (7.01)			
748 TREE (33-050583) 433624.90N/0721805.81W (6.60)			757 TREE (33-048806) 433623.12N/0721805.55W (6.59)			
698 TREE (33-050683) 433635.86N/0721800.19W (6.56)			719 TREE (33-051489) 433631.82N/0721758.76W (6.46)			
741 TREE (33-050792) 433626.08N/0721807.05W (6.39)			756 TREE (33-049836) 433623.14N/0721806.25W (6.22)			
743 TREE (33-051314) 433625.44N/0721808.18W (6.09)			757 TREE (33-047863) 433622.78N/0721806.75W (5.82)			
758 TREE (33-047026) 433622.51N/0721807.01W (5.69)			746 TREE (33-052907) 433625.10N/0721805.91W (5.67)			
746 TREE (33-047037) 433624.95N/0721806.61W (5.46)			748 TREE (33-051828) 433624.27N/0721808.21W (5.32)			
750 TREE (33-047274) 433623.95N/0721807.62W (5.28)			742 TREE (33-047744) 433625.65N/0721806.96W (5.20)			
761 TREE (33-049366) 433621.78N/0721807.02W (5.08)			797 TREE (33-047284) 433614.51N/0721806.87W (4.96)			
749 TREE (33-052231) 433624.00N/0721808.16W (4.94)			750 TREE (33-049364) 433624.39N/0721804.03W (4.71)			
749 TREE (33-051280) 433624.34N/0721805.53W (4.61)			743 TREE (33-047366) 433626.05N/0721802.29W (4.60)			



<u>AIRPORT ID</u> LEB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 2	<u>CITY</u> LEBANON	<u>STATE</u> NH	<u>AIRPORT ELEVATION</u> 606	<u>FACILITY</u> RNAV
757 TREE (33-049374) 433622.58N/0721806.28W (4.47)			737 TREE (33-048518) 433626.45N/0721807.37W (4.47)			
756 TREE (33-048231) 433622.54N/0721807.84W (4.47)			748 TREE (33-050761) 433624.35N/0721806.48W (4.39)			
739 TREE (33-051335) 433626.02N/0721807.43W (4.39)			744 TREE (33-051128) 433625.27N/0721805.71W (4.36)			
741 TREE (33-050543) 433625.59N/0721807.54W (4.34)			797 TREE (33-025620) 433613.95N/0721809.53W (4.23)			
700 TREE (33-052030) 433634.76N/0721801.59W (4.19)			758 TREE (33-050605) 433622.28N/0721806.43W (4.10)			
691 TREE (33-023930) 433635.22N/0721810.17W (4.04)			691 TREE (33-048177) 433635.24N/0721809.99W (4.00)			
742 TREE (33-049062) 433625.59N/0721805.77W (3.99)			743 TREE (33-050983) 433625.43N/0721805.45W (3.95)			
737 TREE (33-049302) 433626.40N/0721806.90W (3.86)			739 TREE (33-050262) 433625.81N/0721808.08W (3.85)			
758 TREE (33-050180) 433622.08N/0721807.23W (3.72)			747 TREE (33-050960) 433624.45N/0721806.21W (3.68)			
762 TREE (33-051387) 433621.42N/0721806.15W (3.63)			740 TREE (33-049423) 433625.78N/0721806.68W (3.62)			
761 TREE (33-052230) 433621.60N/0721806.28W (3.62)			737 TREE (33-051805) 433626.27N/0721807.25W (3.49)			
753 TREE (33-048873) 433623.30N/0721805.47W (3.42)			769 TREE (33-048238) 433619.66N/0721808.10W (3.41)			
756 TREE (33-051250) 433622.71N/0721805.32W (3.38)			735 TREE (33-049945) 433628.05N/0721758.12W (3.31)			
738 TREE (33-047161) 433626.13N/0721806.58W (3.28)			688 TREE (33-051423) 433635.72N/0721809.76W (3.20)			
762 TREE (33-050875) 433621.30N/0721805.70W (2.69)			756 TREE (33-050189) 433622.54N/0721805.48W (2.66)			
681 TREE (33-050082) 433638.10N/0721802.79W (2.65)			737 TREE (33-048945) 433626.87N/0721802.05W (2.47)			
736 TREE (33-050060) 433626.37N/0721806.57W (2.46)			746 TREE (33-047339) 433624.14N/0721807.89W (2.43)			
756 TREE (33-048609) 433622.56N/0721804.97W (2.37)			745 TREE (33-047331) 433624.71N/0721805.42W (2.36)			
684 TREE (33-048080) 433636.25N/0721810.26W (2.21)			729 TREE (33-049133) 433629.17N/0721757.27W (2.20)			
749 TREE (33-047765) 433624.12N/0721803.79W (2.19)			759 TREE (33-049194) 433622.77N/0721759.40W (2.14)			
738 TREE (33-050485) 433625.98N/0721806.00W (2.09)			761 TREE (33-025488) 433622.13N/0721800.67W (1.95)			
777 TREE (33-048234) 433617.39N/0721810.38W (1.92)			747 TREE (33-047886) 433624.32N/0721804.57W (1.78)			
750 TREE (33-049789) 433623.59N/0721805.27W (1.70)			753 TREE (33-051644) 433622.20N/0721810.11W (1.53)			
759 TREE (33-047797) 433621.46N/0721807.00W (1.48)			737 TREE (33-051989) 433626.56N/0721802.74W (1.47)			
788 TREE (33-025606) 433615.65N/0721806.68W (1.46)			748 TREE (33-047084) 433623.86N/0721805.80W (1.44)			
757 TREE (33-050533) 433622.17N/0721804.93W (1.41)			786 TREE (33-049034) 433616.35N/0721804.69W (1.41)			
700 TREE (33-052533) 433632.74N/0721810.97W (1.38)			756 TREE (33-050876) 433622.12N/0721806.26W (1.18)			
733 TREE (33-050724) 433626.67N/0721806.87W (1.18)			685 TREE (33-051789) 433635.83N/0721810.10W (1.01)			
726 TREE (33-047239) 433628.25N/0721805.33W (0.82)			758 TREE (33-047097) 433621.55N/0721806.66W (0.66)			
747 TREE (33-052424) 433624.10N/0721804.36W (0.53)			748 TREE (33-048776) 433623.66N/0721805.89W (0.52)			
748 TREE (33-050733) 433623.40N/0721807.51W (0.48)			735 TREE (33-031434) 433625.54N/0721810.55W (0.40)			
757 TREE (33-021950) 433622.80N/0721759.39W (0.28)			676 TREE (33-049433) 433638.60N/0721802.99W (0.28)			
718 TREE (33-052557) 433630.70N/0721759.21W (0.26)			746 TREE (33-048380) 433624.13N/0721805.03W (0.19)			
749 TREE (33-048750) 433623.27N/0721806.56W (0.10)			738 TREE (33-049690) 433626.65N/0721758.98W (0.03)			
732 TREE (33-025566) 433628.27N/0721756.33W (0.02)						



AIRPORT ID LEB	PROCEDURE NAME RNAV (GPS) RWY 18	AMDT NO. 2	CITY LEBANON	STATE NH	AIRPORT ELEVATION 606	FACILITY RNAV
FINAL TYPE	LPV					
20:1						
576 TREE (33-050817) 433749.30N/0721830.77W (0.46)						
FINAL TYPE	LPV					
34:1						
574 TREE (33-052967) 433750.43N/0721827.24W (1.72)			576 TREE (33-047764) 433750.69N/0721830.25W (1.60)			
FINAL TYPE	NPA					
20:1						
576 TREE (33-050817) 433749.30N/0721830.77W (0.46)						
FINAL TYPE	NPA					
34:1						
1322 AAO (VATP1) 434051.00N/0722003.00W (180.65)			1204 TREE (33-025307) 434051.52N/0722003.44W (60.89)			
1159 TREE (33-031773) 434052.12N/0722001.04W (15.23)			574 TREE (33-052967) 433750.43N/0721827.24W (1.72)			
576 TREE (33-047764) 433750.69N/0721830.25W (1.60)						
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 - THE VDP IS NOT PUBLISHABLE DUE TO: 20:1 PENETRATIONS, VDP IS LOCATED WITHIN 0.5 NM FROM FINAL FIX.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

LNAV/VNAV NOT PUBLISHED DUE TO EXCESSIVELY HIGH MINIMUMS, PER FPT.

100 FT VEGETATION USED PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

<u>AIRPORT ID</u> LEB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>AMDT NO.</u> 2	<u>CITY</u> LEBANON	<u>STATE</u> NH	<u>AIRPORT ELEVATION</u> 606	<u>FACILITY</u> RNAV
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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	5.76
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	167.95
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1500
DISTANCE FROM	THLD	TO 1500FT POINT	10.76
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	167.93
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1900

THRESHOLD COORDINATES (IF STR-IN)433745.51N/0721826.51W

ARP COORDINATES433733.27N/0721815.04W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES434434.61N/0722026.76W

FIX NAME COORDINATESIF/IAF HAMMM 435038.09N/0722213.97W

REMARKS

TAA: FRYYS (IAF) 435230.37N-0721003.91W; IWANT (IAF) 434844.51N-0723423.27W; HAMMM (IF/IAF) 435038.09N-0722213.97W RADIUS: 30 NM

PART E: PREPARED BY

<u>NAME</u> DEVON KERCHER	<u>OFFICE</u> AJV-A431	<u>DATE</u> 05/27/2026	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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