

**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><b>AIRPORT ID</b></u> M54	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 1	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>CITY</b></u> LEBANON	<u><b>STATE</b></u> TN
<u><b>AIRPORT ELEVATION</b></u> 588	<u><b>TDZE</b></u> 583	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 1	<u><b>DATED</b></u> 10/02/2025	<u><b>MAG VAR</b></u> 2W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u>	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>EPOCH YEAR</b></u> 1995
				<u><b>CANCEL/SUSPEND</b></u>

**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>
BNA VORTAC		OYOTU		TF	FB	1.00	128.79	12.67	3000
HARME		UROGE		TF	FB	1.00	203.74	22.17	3000
OYOTU	IAF	JOGUB	NOPT	TF	FB	1.00	098.47	6.50	3000
UROGE	IAF	JOGUB	NOPT	TF	FB	1.00	278.63	6.50	3000
JOGUB	IF/IAF	WEPKA		TF	FB	1.00	008.54	3.10	2700
WEPKA		KOGCE		TF	FB	1.00	008.54	3.67	2300
KOGCE	FAF	PIDUE/3.00 NM TO RW01		TF	FB	0.30	008.55	1.50	
PIDUE/3.00 NM TO RW01		RW01	MAP	TF	FO	0.30	008.55	3.00	
RW01	MAP	901 MSL		CA			008.55		
901 MSL		LATGE		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW01

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT LATGE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- |                                 |   |                        |                  |                         |              |                          |      |                 |      |
|---------------------------------|---|------------------------|------------------|-------------------------|--------------|--------------------------|------|-----------------|------|
| <b>1. PT</b>                    | <b>SIDE OF COURSE</b>   | <b>OUTBOUND</b>        | <b>FT WITHIN</b> | <b>MILES OF</b>         | <b>(IAF)</b> |                          |      |                 |      |
| <b>2.</b>                       | HOLD S JOGUB, RT, 008.54 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000. |                        |                  |                         |              |                          |      |                 |      |
| <b>3. FAC:</b>                  | 008.55  | <b>FAF:</b>            | KOGCE            | <b>DIST FAF TO MAP:</b> | 4.50         | <b>DIST FAF TO THLD:</b> | 4.50 |                 |      |
| <b>4. MIN ALT:</b>              | JOGUB 3000, WEPKA 2700, KOGCE 2300, PIDUE/3.00 NM TO RW01 1740        |                        |                  |                         |              |                          |      |                 |      |
| <b>5. DIST TO THLD FROM OM:</b> |   | <b>MM:</b>             |                  | <b>IM:</b>              |              | <b>150 HAT:</b>          |      | <b>318 HAT:</b> | 0.73 |
| <b>6. MIN GP INCPT:</b>         | 2300  | <b>GP ALT AT PFAF:</b> | KOGCE 2300       |                         |              | <b>OM:</b>               |      | <b>GS ANT:</b>  |      |
| <b>7. GP ANGLE:</b>             | 3.50  | <b>34:1:</b>           | IS NOT CLEAR     | <b>20:1:</b>            | IS CLEAR     | <b>TCH:</b>              | 45.0 | <b>MM:</b>      |      |
| <b>8. MSA FROM:</b>             | RW01 3400   |                        |                  |                         |              |                          |      |                 |      |

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING XNX ALTIMETER SETTING.  
 CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE XNX ALTIMETER SETTING: INCREASE LPV DA TO 1121 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1433 FEET; INCREASE ALL MDAS 40 FEET AND CIRCLING CAT C VISIBILITY 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

CHART VDP AT 2.07 NM TO RW01  
 HOLD N, LT, 188.57 INBOUND.  
 CHART FAS OBST: 1096 TREE (47-144033) 360850N/0861945W.  
 WAAS CHANNEL # 65809  
 REFERENCE PATH ID: W01A  
 LTP HAE: 148.6 M

**MINIMUMS:**

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

**ALTERNATE:** NA  CAT A, B, C 900-2 1/2, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
	<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>
LPV DA	901	1	318	901	1	318	901	1	318	901	1	318			
LNAV/VNAV DA	1400	2 1/2	817	1400	2 1/2	817	1400	2 1/2	817	1400	2 1/2	817			
LNAV MDA	1400	1	817	1400	1 1/4	817	1400	2 1/2	817	1400	2 1/2	817			
CIRCLING	1400	1 1/4	812	1400	1 1/4	812	1440	2 1/2	852	1520	3	932			



**CHANGES - REASONS**

1. TERMINAL ROUTES: FROM BNA VORTAC TO OYUTU CHANGED FROM "COURSE: 125.68, DISTANCE: 13.98" TO "COURSE: 128.79, DISTANCE: 12.67". - IAF SEGMENT BEGINNING AT OYUTO LENGTHENED TO SUPPORT ATC VECTORING CRITERIA
2. TERMINAL ROUTES: FROM HARME TO UROGE CHANGED FROM "COURSE: 207.41, DISTANCE: 22.61" TO "COURSE: 203.74, DISTANCE: 22.17". - IAF SEGMENT BEGINNING AT UROGE LENGTHENED TO SUPPORT ATC VECTORING CRITERIA
3. TERMINAL ROUTES: FROM OYOTU TO JOGUB CHANGED FROM "COURSE: 098.49, DISTANCE: 5.00" TO "COURSE: 098.47, DISTANCE: 6.50". - IAF SEGMENT BEGINNING AT OYUTO LENGTHENED TO SUPPORT ATC VECTORING CRITERIA
4. TERMINAL ROUTES: FROM UROGE TO JOGUB CHANGED FROM "COURSE: 278.61, DISTANCE: 5.00" TO " COURSE: 278.63, DISTANCE: 6.50". - IAF SEGMENT BEGINNING AT OYUTO LENGTHENED TO SUPPORT ATC VECTORING CRITERIA
5. TERMINAL ROUTES: FROM JOGUB TO WEPKA CHANGED FROM "COURSE: 008.55" TO "COURSE: 008.54". - FIX JOGUB MOVED 20.86 FEET EAST AND FIX WEPKA MOVED 15.77 FEET EAST TO ALIGN OBSTACLE EVALUATION AREAS WITH RWY THRESHOLD DURING LATEST TARGETS BUILD
6. TERMINAL ROUTES: FROM WEPKA TO KOGCE CHANGED FROM "COURSE: 008.56, DISTANCE: 3.00" TO "COURSE: 008.54, DISTANCE: 3.67". - FIX WEPKA MOVED 15.77 FEET EAST AND FIX KOGCE MOVED 4071.38 FEET NORTH TO ALIGN PFAF/FAF WITH NEW 3.50 GPA TO RWY 01
7. TERMINAL ROUTES: FROM KOGCE TO PIDUE/3.00 NM TO RW01 CHANGED FROM "COURSE: 008.56, DISTANCE: 2.17" TO "COURSE: 008.55, DISTANCE: 1.50". - FIX KOGCE MOVED 4071.38 FEET NORTH AND FIX PIDUE MOVED 7.08 FEET EAST TO ALIGN PFAF/FAF WITH NEW 3.50 GPA TO RWY 01
8. TERMINAL ROUTES: FROM FIX PIDUE/3.00 NM TO RW01 TO RW01 CHANGED FROM "COURSE: 008.56" TO "COURSE: 008.55". - FIX PIDUE MOVED 7.08 FEET EAST TO ALIGN UPDATED OBSTACLE EVALUATION AREA WITH RWY THRESHOLD
9. PROFILE: LINE 2 CHANGED FROM "HOLD S JOGUB, RT, 008.55 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000" TO "HOLD SOUTH JOGUB, RT, 008.54 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000. - FIXES ALIGNED WITH RWY THRESHOLD MOVED SLIGHTLY TO THE EAST WITH UPDATED OBSTACLE EVALUATION AREA TARGETS BUILDOUTS
10. PROFILE: LINE 3 CHANGED FROM "FAC: 008.56, FAF: KOGCE, DIST FAF TO MAP: 5.17, DIST FAF TO THLD: 5.17" TO "FAC: 008.55, FAF: KOGCE, DIST FAF TO MAP: 4.50, DIST FAF TO THLD: 4.50." - FIX KOGCE MOVED 4071.38 FEET NORTH TO ALIGN WITH NEW 3.50 GPA TO RWY 01
11. PROFILE: LINE 4 CHANGED FROM "MIN ALT: JOGUB 3000, WEPKA 2700, KOGCE 2300, PIDUE/3.00 NM TO RW01 1580" TO "MIN ALT: JOGUB 3000, WEPKA 2700, KOGCE 2300, PIDUE/3.00 NM TO RW01 1740". - GPA TO RWY 01 CHANGED FROM 3.00 TO 3.50 TO ALIGN WITH PAPI
12. PROFILE: LINE 5 500 HAT CHANGED FROM "1.44" TO "1.23". - PROCEDURE GPA CHANGED FROM 3.00 TO 3.50
13. PROFILE: LINE 7 GP ANGLE CHANGED FROM "3.00" TO "3.50". - SCOPE OF PROJECT IS TO ALIGN GPA WITH NEW PAPI/VGSI ANGLE
14. NOTES: DELETED NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - PROJECT/AMENDMENT WAS DUE TO PAPI REALIGNMENT FOR BOTH RWYS
15. ADDITIONAL FLIGHT DATA CHART FAS OBST CHANGED FROM: "1139 TREE 360850N/0861945W" TO "1096 TREE (47-144033) 360850N/0861945W". - OBSTACLE EVALUATION AREAS UPDATED AND EVALUATED USING NEW 3.50 GPA
16. MINIMUMS: FINAL TYPE: LPV CAT A/B/C/D DA/VIS/HAT CHANGED FROM "1088/1 3/8/500/1088/1 3/8/500/1088/1 3/8/500/1088/1 3/8/500" TO "901/1/318/901/1/318/901/1/318/901/1/318". - NEW VG SURVEY COMBINED WITH LATEST OEA EVALUATION ALLOWED FOR LOWERING MINIMUMS
17. MINIMUMS: FINAL TYPE: LNAV/VNAV CAT A/B/C/D HAT CHANGED FROM "812/812/812/812" TO "817/817/817/817". - PENDING AIRNAV DATA UPDATED TDZE FROM 588' TO 583' WITH NEW SURVEY
18. MINIMUMS: FINAL TYPE: LNAV CAT A/B/C/D HAT CHANGED FROM "812/812/812/812" TO "817/817/817/817". - PENDING AIRNAV DATA UPDATED TDZE FROM 588' TO 583' WITH NEW SURVEY
19. FAS DATA BLOCK INFORMATION: DATA FIELD: LTP/FTP LATITUDE CHANGED FROM "361105.0600N" TO "361105.0740N". - NEW VG SURVEY DATED 2/12/2024
20. FAS DATA BLOCK INFORMATION: DATA FIELD: LTP/FTP LONGITUDE CHANGED FROM "0861902.1490W" TO "0861902.1290W". - NEW VG SURVEY DATED 2/12/2024
21. FAS DATA BLOCK INFORMATION: DATA FIELD: LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM "+01494" TO "+01486". - NEW VG SURVEY DATED 2/12/2024
22. FAS DATA BLOCK INFORMATION: DATA FIELD: FPAP LATITUDE CHANGED FROM "361233.7000N" TO "361233.7175N". - NEW VG SURVEY DATED 2/12/2024
23. FAS DATA BLOCK INFORMATION: DATA FIELD: FPAP LONGITUDE CHANGED FROM "0861849.5500W" TO "0861849.5625W". - NEW VG SURVEY DATED 2/12/2024
24. FAS DATA BLOCK INFORMATION: DATA FIELD: GLIDEPATH ANGLE (GPA) CHANGED FROM "03.00" TO "03.50". - PROJECT ALIGNED WITH RWY'S NEW VGSI ANGLE
25. FAS DATA BLOCK INFORMATION: DATA FIELD: LENGTH OFFSET CHANGED FROM "1344" TO "1352". - VALUE UPDATED WITH FAS REDESIGN TO ALIGN IAP WITH RWY'S NEW VGSI ANGLE
26. FAS DATA BLOCK INFORMATION: DATA FIELD: CRC REMAINDER CHANGED FROM "2103CD11" TO "92EBDB68". - UPDATED WITH USE OF THE ELECTRONIC TRANSMITTAL SOFTWARE WHEN IAP CHANGES MADE
27. ADDITIONAL PATH POINT RECORD INFORMATION: LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+01785/+01785" TO "+01778/+01778". - VALUES UPDATED IAW 8260.19K APPENDIX K



AIRPORT ID  
M54

PROCEDURE NAME  
RNAV (GPS) RWY 1

ORIGINAL/AMENDMENT  
1

CITY  
LEBANON

STATE  
TN

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA

OTHER: BNA APP CON, AMGR, ZME

FLIGHT CHECKED BY  
MICHAEL W PENDERGRASS

*Digitally signed by*  
**ROBERT G HAMILTON**  
May 12, 2026

OFFICE  
AJF

DATE  
05/12/2026

DEVELOPED BY  
BRYANT SMITH

*Digitally signed by*  
**ROBERT G HAMILTON**  
May 12, 2026

OFFICE  
AJV-A433

DATE  
12/19/2025

APPROVED BY  
ROBERT G HAMILTON

*Digitally signed by*  
**ROBERT G HAMILTON**  
May 12, 2026

OFFICE  
AJV-A433

DATE

TITLE  
MANAGER

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M54
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	361105.0740N
LTP/FTP LONGITUDE	0861902.1290W
LTP/FTP ELLIPSOIDAL HEIGHT	+01486
FPAP LATITUDE	361233.7175N
FPAP LONGITUDE	0861849.5625W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	92EBDB68

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01778
FPAP ORTHOMETRIC HEIGHT	+01778



**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>
M54	RNAV (GPS) RWY 1	1	LEBANON	TN	588	RNAV

**PART A: OBSTRUCTION DATA SEGMENTS**

**FEEDER**

**FROM** BNA VORTAC **TO** OYOTU

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

1.00                      12.67

<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	360303.00N/0863609.00W	873	215	8	4B	1000				AT1127	3000
TERRAIN	360403.00N/0863818.00W	698 (700)								AS1500	2200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FEEDER**

**FROM** HARME **TO** UROGE

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

1.00                      22.17

<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	360412.00N/0861015.00W	1562	215	8	4B	1000				AT438	3000
TERRAIN	360412.00N/0861015.00W	1361 (1400)								AS1500	2900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
M54

**PROCEDURE NAME**  
RNAV (GPS) RWY 1

**AMDT NO.**  
1

**CITY**  
LEBANON

**STATE**  
TN

**AIRPORT ELEVATION**  
588

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
OYOTU

**TO**  
JOGUB

**RNP**  
1.00

**DISTANCE**  
6.50

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	355906.00N/0861857.00W	1165	215	8	4B	1000				AT835	3000
TERRAIN	355912.00N/0862000.00W	875 (900)								AS1500	2400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
UROGE

**TO**  
JOGUB

**RNP**  
1.00

**DISTANCE**  
6.50

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	355857.00N/0861154.00W	1431				1000				AT569	3000
TERRAIN	355912.00N/0861554.00W	1197 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
M54

**PROCEDURE NAME**  
RNAV (GPS) RWY 1

**AMDT NO.**  
1

**CITY**  
LEBANON

**STATE**  
TN

**AIRPORT ELEVATION**  
588

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM**  
JOGUB (IF/IAF)

**TO**  
WEPKA

**RNP**  
1.00

**DISTANCE**  
3.10

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	355906.00N/0861857.00W	1165	215	8	4B	500				AT1035	2700
TERRAIN	355906.00N/0861857.00W	964 (1000)								AS1500	2500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE: STEPDOWN**

**FROM**  
WEPKA

**TO**  
KOGCE

**RNP**  
1.00

**DISTANCE**  
3.67

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	360636.00N/0861836.00W	1172	215	8	4B	500				AT628	2300
TERRAIN	360630.00N/0861833.00W	921 (900)								AS1000	1900

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



AIRPORT ID  
M54

PROCEDURE NAME  
RNAV (GPS) RWY 1

AMDT NO.  
1

CITY  
LEBANON

STATE  
TN

AIRPORT ELEVATION  
588

FACILITY  
RNAV

**FINAL: LPV**

**FROM**  
KOGCE

**TO**  
RW01

RNP  
0.30

DISTANCE  
4.50

PAT

MAP  
DA

HAT  
318

HMAS

<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 (47-144713)	361042.87N/0861910.95W	679	50	20	2C		29.14:1			AC20 MA41	901

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV/VNAV**

**FROM**  
KOGCE

**TO**  
RW01

RNP  
0.30

DISTANCE  
4.50

PAT

MAP  
DA

HAT  
817

HMAS

<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 (47-144563)	360916.35N/0861946.57W	1009	20	10	1B		20.07:1			AC10	1400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM**  
KOGCE

**TO**  
PIDUE/3.00 NM TO RW01

RNP  
0.30

DISTANCE  
1.50

PAT

MAP

HAT

HMAS

<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>
TOWER (47-021571)	360750.62N/0861929.28W	1074	20	10	1B	250				RA33 DG383	1740

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
M54

**PROCEDURE NAME**  
RNAV (GPS) RWY 1

**AMDT NO.**  
1

**CITY**  
LEBANON

**STATE**  
TN

**AIRPORT ELEVATION**  
588

**FACILITY**  
RNAV

**FINAL: LNAV STEPDOWN**

**FROM**  
PIDUE/3.00 NM TO RW01

**TO**  
RW01

**RNP**  
0.30

**DISTANCE**  
3.00

**PAT**

**MAP**  
RW01

**HAT**  
817

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE (47-144033)	360849.57N/0861945.08W	1096	20	10	1B	250				XP54	1400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

TO MAINTAIN LNAV LINE OF MINIMA MDA

**HOLD-IN-LIEU OF PT**

**FROM**  
JOGUB

**TO**  
P-5

**RNP**

**DISTANCE**

**PAT**  
P-5

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	355912.00N/0861554.00W	1398	215	8	4B	1000				AT602	3000
TERRAIN	355912.00N/0861554.00W	1197 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
M54

**PROCEDURE NAME**  
RNAV (GPS) RWY 1

**AMDT NO.**  
1

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**STATE**  
TN

**AIRPORT ELEVATION**  
588

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM** DA **TO** LATGE

**RNP** 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 671

<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 (47-143996)	361038.91N/0861859.15W	685	50	20	2C		ASC				3000
TREE (47-143996)	361038.91N/0861859.15W	685	50	20	2C	1000					1700
TERRAIN	360918.00N/0861945.00W	938 (900)								AS1500	2400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM** DA **TO** LATGE

**RNP** 0.30-1.00 **DISTANCE** **PAT** **MAP** **HAT** **HMAS** 1239

<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				3000
TREE (47-144563)	360916.35N/0861946.57W	1009	20	10	1B	1000					2100
TERRAIN	360918.00N/0861945.00W	938 (900)								AS1500	2400

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
M54

**PROCEDURE NAME**  
RNAV (GPS) RWY 1

**AMDT NO.**  
1

**CITY**  
LEBANON

**STATE**  
TN

**AIRPORT ELEVATION**  
588

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV**

**FROM**  
RW01 **TO**  
LATGE

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
1295

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TREE (47-144033)	360849.57N/0861945.08W	1096	20	10	1B	1000					1100
TERRAIN	360918.00N/0861945.00W	938 (900)								AS1500	2400

**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											
TRANSMISSION_LINE (47-021572)	360953.91N/0861903.62W	1.30	812	757	50	20	2C	300			1400
CATEGORY B											
TREE (47-144250)	360923.67N/0861945.22W	1.83	812	888	20	10	1B	300			1400
CATEGORY C											
TREE (47-144033)	360849.57N/0861945.08W	2.87	852	1096	20	10	1B	300		XP44	1440
CATEGORY D											
TOWER (47-000939)	360913.00N/0862246.00W	3.75	932	1168	500	50	5D	300		AC50	1520

**CIRCLING REMARKS:**

XP TO MAINTAIN CIRCLING CAT C MDA



**AIRPORT ID**  
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RNAV (GPS) RWY 1

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LEBANON

**STATE**  
TN

**AIRPORT ELEVATION**  
588

**FACILITY**  
RNAV

**MSA**

**CENTER** **RADIUS**  
RW01 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (47-000753)	355158.00N/0855829.00W	141	25.3	2349	20	10	1B	1000			3400

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

BNA APP CON, BNA FSS, ZME ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	M54	24	M54		N	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	XNX	24	XNX	11.94	Y	33

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
M54: 588.0, XNX: 551.0.  
RA = 32.7

**PRIMARY NAVAID** **MONITOR POINT** **HRS OPERATION** **CAT**

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW04	BSC-G	
RW22	BSC-G	
RW01 - MIRL, REIL, PAPI-2L	NPI-G	
RW19 - REIL, MIRL, PAPI-2L	NPI-G	

**GLIDESLOPE ANGLE** 3.50 **ELEV RWY THRESHOLD** 583.3 **TCH** 45.0 **ELEV GS ANTENNA** **DISTANCE FROM RWY** **VGSI ANGLE** 3.50 **TCH** 45.0

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD  FT FROM THRESHOLD DISPLACED THRESHOLD DISTANCE 400  
ON CENTERLINE  FT FROM CENTERLINE

**CRITICAL TEMPERATURES**

**CRITICAL LOW** -16C **CRITICAL HIGH** +54C **ACT** -16C **APT ISA** +13.83C



**CRITICAL TEMPERATURE REMARKS:**

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 1123 HIGH TEMP 1270.

**"VISUAL PORTION OF FINAL" PENETRATIONS**

FINAL TYPE	LNAV/VNAV AND LNAV
34:1	
949 TREE (47-144359) 360916.4300N/0861938.2600W (40.62)	679 TREE (47-144713) 361042.8700N/0861910.9500W (33.55)
685 TREE (47-143996) 361038.9100N/0861859.1500W (31.1)	947 TREE (47-144112) 360912.6500N/0861938.4900W (27.39)
672 TREE (47-144734) 361040.2400N/0861859.2900W (21.99)	671 TREE (47-144750) 361041.1700N/0861911.1100W (20.48)
660 TREE (47-144314) 361041.9600N/0861910.1800W (12.07)	673 TREE (47-144315) 361037.3100N/0861908.8100W (11.71)
672 TREE (47-143943) 361036.7500N/0861859.3100W (11.67)	672 TREE (47-144474) 361037.6800N/0861910.0500W (11.46)
943 TREE (47-144412) 360908.0200N/0861939.5000W (9.43)	666 TREE (47-144106) 361038.7900N/0861910.1100W (8.73)
955 TREE (47-144437) 360903.5800N/0861940.0900W (8.15)	607 TRAVERSE_WAY (47-025351) 361058.1000N/0861905.6500W (8.01)
668 TREE (47-144415) 361036.8900N/0861900.5100W (7.75)	609 SIGN (47-138540) 361056.9800N/0861903.4200W (7.31)
666 TREE (47-144755) 361037.8900N/0861906.1500W (7.16)	605 TRAVERSE_WAY (47-138309) 361058.3700N/0861905.7400W (6.78)
619 TREE (47-144137) 361052.7300N/0861859.9200W (5.72)	603 TRAVERSE_WAY (47-137436) 361058.3400N/0861904.4400W (5.05)
667 TREE (47-144669) 361036.8400N/0861907.3800W (4.71)	676 TREE (47-144248) 361033.7100N/0861906.9800W (4.58)
664 TREE (47-144454) 361037.8200N/0861907.7600W (4.51)	605 TRAVERSE_WAY (47-138176) 361057.5500N/0861905.9300W (4.31)
599 FENCE (47-138658) 361059.4400N/0861905.5200W (4.01)	604 TRAVERSE_WAY (47-138118) 361057.5100N/0861904.5600W (3.57)
609 TRAVERSE_WAY (47-137440) 361056.0100N/0861907.0400W (3.45)	601 TRAVERSE_WAY (47-138498) 361058.3000N/0861903.1000W (3.3)
679 TREE (47-144529) 361031.9500N/0861904.4600W (3.07)	657 TREE (47-144007) 361039.9100N/0861910.1800W (3.02)
660 TREE (47-144636) 361038.3700N/0861904.5300W (3.02)	678 TREE (47-144546) 361032.2700N/0861905.5900W (2.7)
600 TRAVERSE_WAY (47-138696) 361058.2700N/0861901.8400W (2.56)	597 FENCE (47-137513) 361059.4100N/0861904.1700W (2.29)
677 TREE (47-143975) 361032.4000N/0861906.9400W (1.72)	679 TREE (47-143901) 361031.6200N/0861906.0000W (1.67)
941 TREE (47-144572) 360906.3500N/0861942.7300W (1.61)	665 TREE (47-144615) 361036.0800N/0861903.3800W (1.57)
598 TRAVERSE_WAY (47-137571) 361058.2300N/0861900.4600W (0.82)	601 TRAVERSE_WAY (47-138214) 361057.4700N/0861903.2300W (0.81)
613 TRAVERSE_WAY (47-138161) 361053.7400N/0861907.4100W (0.64)	595 FENCE (47-137711) 361059.3800N/0861902.9400W (0.54)
664 TREE (47-144868) 361035.6600N/0861859.4500W (0.41)	603 TREE (47-144689) 361056.3700N/0861901.0500W (0.16)
600 TRAVERSE_WAY (47-138109) 361057.4400N/0861901.9100W (0.09)	
FINAL TYPE	LPV
34:1	
679 TREE (47-144713) 361042.8700N/0861910.9500W (33.55)	685 TREE (47-143996) 361038.9100N/0861859.1500W (31.1)
672 TREE (47-144734) 361040.2400N/0861859.2900W (21.99)	671 TREE (47-144750) 361041.1700N/0861911.1100W (20.48)
660 TREE (47-144314) 361041.9600N/0861910.1800W (12.07)	673 TREE (47-144315) 361037.3100N/0861908.8100W (11.71)
672 TREE (47-143943) 361036.7500N/0861859.3100W (11.67)	672 TREE (47-144474) 361037.6800N/0861910.0500W (11.46)

QUALITY  
13  
CHECKED

<u>AIRPORT ID</u> M54	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>AMDT NO.</u> 1	<u>CITY</u> LEBANON	<u>STATE</u> TN	<u>AIRPORT ELEVATION</u> 588	<u>FACILITY</u> RNAV
666 TREE (47-144106)	361038.7900N/0861910.1100W (8.73)		607 TRAVERSE_WAY (47-025351)	361058.1000N/0861905.6500W (8.01)		
668 TREE (47-144415)	361036.8900N/0861900.5100W (7.75)		609 SIGN (47-138540)	361056.9800N/0861903.4200W (7.31)		
666 TREE (47-144755)	361037.8900N/0861906.1500W (7.16)		605 TRAVERSE_WAY (47-138309)	361058.3700N/0861905.7400W (6.78)		
619 TREE (47-144137)	361052.7300N/0861859.9200W (5.72)		603 TRAVERSE_WAY (47-137436)	361058.3400N/0861904.4400W (5.05)		
667 TREE (47-144669)	361036.8400N/0861907.3800W (4.71)		676 TREE (47-144248)	361033.7100N/0861906.9800W (4.58)		
664 TREE (47-144454)	361037.8200N/0861907.7600W (4.51)		605 TRAVERSE_WAY (47-138176)	361057.5500N/0861905.9300W (4.31)		
599 FENCE (47-138658)	361059.4400N/0861905.5200W (4.01)		604 TRAVERSE_WAY (47-138118)	361057.5100N/0861904.5600W (3.57)		
609 TRAVERSE_WAY (47-137440)	361056.0100N/0861907.0400W (3.45)		601 TRAVERSE_WAY (47-138498)	361058.3000N/0861903.1000W (3.3)		
679 TREE (47-144529)	361031.9500N/0861904.4600W (3.07)		657 TREE (47-144007)	361039.9100N/0861910.1800W (3.02)		
660 TREE (47-144636)	361038.3700N/0861904.5300W (3.02)		678 TREE (47-144546)	361032.2700N/0861905.5900W (2.7)		
600 TRAVERSE_WAY (47-138696)	361058.2700N/0861901.8400W (2.56)		597 FENCE (47-137513)	361059.4100N/0861904.1700W (2.29)		
677 TREE (47-143975)	361032.4000N/0861906.9400W (1.72)		679 TREE (47-143901)	361031.6200N/0861906.0000W (1.67)		
665 TREE (47-144615)	361036.0800N/0861903.3800W (1.57)		598 TRAVERSE_WAY (47-137571)	361058.2300N/0861900.4600W (0.82)		
601 TRAVERSE_WAY (47-138214)	361057.4700N/0861903.2300W (0.81)		613 TRAVERSE_WAY (47-138161)	361053.7400N/0861907.4100W (0.64)		
595 FENCE (47-137711)	361059.3800N/0861902.9400W (0.54)		664 TREE (47-144868)	361035.6600N/0861859.4500W (0.41)		
603 TREE (47-144689)	361056.3700N/0861901.0500W (0.16)		600 TRAVERSE_WAY (47-138109)	361057.4400N/0861901.9100W (0.09)		
<b><u>PENETRATIONS REMARKS:</u></b>						

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

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

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100FT AVERAGE VEGETATION HEIGHT USED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
M54

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AIRPORT ELEVATION  
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FACILITY  
RNAV

**PART D: AIRSPACE**

**DOCKET #**

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

<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1000FT POINT</b>	3.69
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	1.20
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	006.55
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	1000
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	10.07
<b>WIDTH OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT AT 1500FT POINT</b>	2.00
<b>TRUE COURSE OF</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	006.54
<b>HIGH TERRAIN IN</b>	<b>INTERMEDIATE</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	900

**THRESHOLD COORDINATES (IF STR-IN)** 361105.07N/0861902.13W  
**ARP COORDINATES** 361125.48N/0861856.48W  
**RUNWAY APCH END AND DIST FURTHEST FROM ARP** RUNWAY 1 DISTANCE 0.41 NM  
**FAF COORDINATES** 360636.58N/0861940.14W  
**FIX NAME COORDINATES**

**REMARKS**

THLD DISPLACED 400FT, ACTUAL COORDINATES: 361101.14N/0861902.69W

**PART E: PREPARED BY**

<b><u>NAME</u></b>	<b><u>OFFICE</u></b>	<b><u>DATE</u></b>	<b><u>TITLE</u></b>
BRYANT SMITH	AJV-A433	12/19/2025	AERONAUTICAL INFORMATION SPECIALIST

