

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</u> LOVELL FIELD	<u>AIRPORT ID</u> KCHA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHATTANOOGA	<u>STATE</u> TN	
<u>AIRPORT ELEVATION</u> 683	<u>TDZE</u> 671	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</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>
GQO VORTAC		HEXEX		TF	FO	2.00	332.31	19.69	4600
TOBAY		ZOLOT		TF	FB	2.00	110.21	7.16	4400
BOOPS		LIBKE		TF	FB	2.00	246.48	9.70	4200
ZOLOT	IAF	HEXEX		TF	FB	1.00	060.31	8.00	4100
LIBKE	IAF	HEXEX	NOPT	TF	FB	1.00	240.47	8.00	4100
HEXEX	IF/IAF	CIKSA		TF	FB	1.00	150.39	4.23	3500
CIKSA		SUCOR		TF	FB	1.00	150.41	1.99	3200
SUCOR	FAF	ICEKE/3.90 NM TO RW15		TF	FB	0.30	150.43	3.90	
ICEKE/3.90 NM TO RW15		RW15	MAP	TF	FO	0.30	150.43	3.90	
RW15	MAP	1083 MSL		CA		1.00	150.43		
1083 MSL		IYODA		DF	FO				3300

MISSED APPROACH

MAP:

LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 DIRECT IYODA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW HEXEX, RT, 150.39 INBOUND, 4100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 150.43FAF: SUCORDIST FAF TO MAP: 7.80DIST FAF TO THLD: 7.80

4. MIN ALT: HEXEX 4100, CIKSA 3500, SUCOR 3200, ICEKE/3.90 NM TO RW15 1960

5. DIST TO THLD FROM OM:MM:IM:150 HAT:HAT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW15 4900

PBN EQUIPMENT REQUIREMENTS NOTES

RNP APCH.

NOTES:

CHART NOTE: STRAIGHT-IN RWY 15 NA AT NIGHT, CIRCLING RWY 15, 33 NA AT NIGHT.
CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

SUCOR TO RW15: 3.00/45
CHART CIRCLING ICON
CHART: 2549 TOWER 350806N/0851925W
CHART FAS OBST: 1126 TREE 350440N/0851431W.
CHART 1518 TOWER 350734N/0851725W.
HOLD SE, RT, 330.54 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 900-3

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
LNAV MDA	1380	1	709	1380	1	709	1380	2	709	1380	2	709			
CIRCLING	1380	1	697	1380	1	697	1480	2 1/4	797	1580	3	897			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
LOVELL FIELD	KCHA	RNAV (GPS) RWY 15	1	CHATTANOOGA	TN

CHANGES - REASONS

- 1. TERMINAL ROUTE (GQO VORTAC - HEXEX) CHANGED FROM 329.34/18.99 TO 332.31/19.69 - HEXEX RELOCATED (0.70 NM).
- 2. TERMINAL ROUTE (BOOPS - LIBKE) CHANGED FROM 238.95/12.66 TO 246.48/9.70 - AIRPORT MAGVAR UPDATED FROM 2W TO 5W.
- 3. TERMINAL ROUTE (TOBAY - ZOLOT) CHANGED FROM 096.40/9.80 TO 110.21/7.16 - AIRPORT MAGVAR UPDATED FROM 2W TO 5W.
- 4. TERMINAL ROUTE (LIBKE - HEXEX) CHANGED FROM 237.39/5.00 TO 240.47/8.00 - AIRPORT MAGVAR UPDATED FROM 2W TO 5W.
- 5. TERMINAL ROUTE (ZOLOT - HEXEX) CHANGED FROM 057.29/5.00 TO 060.31/8.00 - AIRPORT MAGVAR UPDATED FROM 2W TO 5W.
- 6. TERMINAL ROUTE (GQO VORTAC - HEXEX) MINIMUM ALTITUDE INCREASED FROM 4100 TO 4600 - REDUCED ROC NA DUE TO PRECIPITOUS TERRAIN.
- 7. INTERMEDIATE SEGMENT CHANGED FROM 147.34/4.10 TO 150.39/4.23 - PROCEDURE EVALUATION AND MAGVAR UPDATE.
- 8. INTERMEDIATE STEPDOWN CHANGED FROM 147.34/1.90 TO 150.41/2.00 - PROCEDURE EVALUATION AND MAGVAR UPDATE.
- 9. INTERMEDIATE STEPDOWN FIX (CIKSA) CHANGED FROM 3600 TO 3500 - DESCENT GRADIENT.
- 10. FAF ALTITUDE INCREASED FROM 3100 TO 3200 - PR ADJUSTMENT IN INTERMEDIATE SEGMENT.
- 11. FINAL SEGMENT CHANGED FROM 147.38/3.50 TO 150.43/3.89 - PROCEDURE EVALUATION AND MAGVAR UPDATE.
- 12. FINAL STEPDOWN SEGMENT CHANGED FROM 147.38/ 3.80 TO 150.43/3.90 - PROCEDURE EVALUATION AND MAGVAR UPDATE.
- 13. LNAV MDA CHANGED FROM 1420/749 TO 1380/709 ALL CATS - PROCEDURE EVALUATION.
- 14. CIRCLING MDA CATS A/B CHANGED FROM 1420/738 TO 1380/698 - PROCEDURE EVALUATION.
- 15. CIRCLING MDA CAT C CHANGED FROM 1420/738 TO 1480/798 - NEW CONTROLLING OBSTACLES (NEW CRITERIA APPLIED).
- 16. CIRCLING MDA CAT D INCREASED FROM 1460/778 TO 1580/897 - NEW CONTROLLING OBSTACLES (NEW CRITERIA APPLIED).
- 17. MISSED APCH CHANGED FROM "CLIMB TO 3300 DIRECT LONYI AND VIA 147.52 TRACK TO IYODA AND HOLD." TO "CLIMB TO 3300 DIRECT IYODA AND HOLD." - PROCEDURE EVALUATION.
- 18. MISSED APCH HOLDING CHANGED FROM 147.57 INBOUND TO 150.57 INBOUND.
- 19. HOLD IN LIEU CHANGED FROM 145.34 INBOUND TO 150.39 INBOUND.
- 20. INTERMEDIATE SEGMENT RNP VALUE CHANGED FROM 0.50 TO 1.00 - CRITERIA.
- 21. REMOVED BACKUP ALTIMETER NOTE - AIRPORT HAS REDUNDANT WEATHER SOURCES AVAILABLE INCLUDING NWS.
- 22. REMOVED "CHART NOTE: DME/DME RNP-0.3 NA." NOTE - REPLACED IT WITH "PBN REQUIREMENTS NOTE: RNP APCH."
- 23. ADDED "CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." NOTE.
- 24. ADDED "CHART CIRCLING ICON" - NEW CIRCLING CRITERIA USED.
- 25. ADDED CHART NOTE: STRAIGHT-IN RWY 15 NA AT NIGHT, CIRCLING RWY 15/33 NA AT NIGHT. - 20:1 PENETRATIONS.
- 26. MOVED PFAF TO MATCH VGSI ANGLE/TCH FROM 3.06/50 TO 3.00/45.
- 27. DELETED VGSI NON COINCEDENT NOTE- MOVED PFAF.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZTL, CHA APP CON, AMGR, ATA

FLIGHT CHECKED BY

JEFFREY ECKMAN

Digitally signed by
ROBERT G HAMILTON
Jun 07, 2018

OFFICE

FICO

DATE

06/05/2018

DEVELOPED BY

CHRIS O'BRIEN

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CHRISTOPHER P O'BRIEN
Apr 08, 2018

OFFICE

AJV-5423

DATE

04/04/2018

APPROVED BY

JULIE MORGAN

Digitally signed by
ROBERT G HAMILTON
Jun 07, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER

