

RADIO FIX AND HOLDING DATA RECORD

NAME: ANDRO

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 280257.05N/0815308.47W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	LAKELAND	LAL	VORTAC	VH	060.00	061.00	7.78	7.78		13000	45000
2	OCALA	OCF	VORTAC	VL	165.00	165.00		69.88		13000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
OCF	VORTAC	R-165	70	13000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LAKELAND (FAC 1) AND OCALA (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	MINEE	1, 2		KLEE	LEESBURG	FL (US)
STAR	MINEE	1, 2		KCOI	MERRITT ISLAND	FL (US)
STAR	MINEE	1, 2		KISM	ORLANDO	FL (US)
STAR	MINEE	1, 2		KMCO	ORLANDO	FL (US)
STAR	MINEE	1, 2		KORL	ORLANDO	FL (US)
STAR	MINEE	1, 2		KSFB	ORLANDO	FL (US)
STAR	MINEE	1, 2		KTIX	TITUSVILLE	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 MAG/TRUE BRG FROM 059.99/060.99 TO 060.00/061.00.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Dec 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: MINEE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 280706.02N/0814440.18W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	LEE COUNTY	RSW	VORTAC	VL	003.00	001.00	95.06	95.06	10000	45000
2	LAKELAND	LAL	VORTAC	VH	060.00	061.00	16.34	16.34	10000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RSW	VORTAC	R-003	96	10000	45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LEG DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	LAL	VORTAC	060.00	060.00	R	1		10000	23000	11	21

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-003145)	275628.60N/0815451.30W	829	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

LEE COUNTY (FAC 1) AND LAKELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 36R			KMCO	ORLANDO	FL (US)
STAR	MINEE	1, 2	1	KLEE	LEESBURG	FL (US)
STAR	MINEE	1, 2	1	KCOI	MERRITT ISLAND	FL (US)
STAR	MINEE	1, 2	1	KISM	ORLANDO	FL (US)
STAR	MINEE	1, 2	1	KMCO	ORLANDO	FL (US)
STAR	MINEE	1, 2	1	KORL	ORLANDO	FL (US)
STAR	MINEE	1, 2	1	KSFB	ORLANDO	FL (US)
STAR	MINEE	1, 2	1	KTIX	TITUSVILLE	FL (US)

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 1 MAG/TRUE BRG CHANGED FROM "059.99/060.99" TO "060.00/061.00".
2. HOLDING: PATTERN 1 CRS INBOUND CHANGED FROM 059.99 TO 060.00. LEG TIME CHANGED FROM 1-1 1/2 TO 1.
3. FIX USE: ADDED STAR MINEE AT KLEE, KCOI, KISM, KORL, KSFB AND KTIX.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A431

NAME: ZACHARY KRUEGER

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Dec 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: UNITY

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 281541.43N/0812702.10W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	ORLANDO	ORL	VORTAC	H	200.00	200.00	17.90	17.90		10000	45000
2	LAKELAND	LAL	VORTAC	H	060.00	061.00	34.12	34.12		10000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	MINEE	1, 2		KLEE	LEESBURG	FL (US)
STAR	MINEE	1, 2		KCOI	MERRITT ISLAND	FL (US)
STAR	MINEE	1, 2		KISM	ORLANDO	FL (US)
STAR	MINEE	1, 2		KMCO	ORLANDO	FL (US)
STAR	MINEE	1, 2		KORL	ORLANDO	FL (US)
STAR	MINEE	1, 2		KSFB	ORLANDO	FL (US)
STAR	MINEE	1, 2		KTIX	TITUSVILLE	FL (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: ADDED STAR MINEE AT KLEE, KISM, KORL, KTIX, KCOI, AND KSFB.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Dec 09, 2024

QUALITY
14
CHECKED