

RADIO FIX AND HOLDING DATA RECORD

NAME: DOWNN

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 273038.76N/0814523.68W

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	LAKELAND	LAL	VORTAC	H	153.23	154.23	31.57	31.57	2300	17500
2	SARASOTA	SRQ	VOR/DME	H	086.61	081.61		43.52	2300	45000
3	LEE COUNTY	RSW	VORTAC	L	003.00	001.00	58.70	58.70	10000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SRQ	VOR/DME	R-087	44	2300	14600
RSW	VORTAC	R-003	59	10000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	S		WP	187.00	007.00	L		7	10000	17000	10	17
2	S	RSW	VORTAC	003.00	003.00	L	1 1/2		10000	23000	11	21

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (12-001311)	273334.00N/0814910.00W	551	5D
2	265	TOWER (12-004424)	273838.60N/0814758.80W	813	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

LAKELAND (FAC 1) AND SARASOTA (FAC 2) USED TO ESTABLISH FIX COORDINATES
PAT 2 265K AIRSPEED USED FOR HOLDING ABOVE 10,000.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
KMCO 6W MAG VAR USED FOR PAT 1.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V521	1, 2, 3				FL (US)
EN ROUTE	V157	1, 2, 3				FL (US)
IAP	RNAV (GPS) RWY 10			KAVO	AVON PARK	FL (US)
STAR	COSTR (RNAV)		1	KX04	APOPKA	FL (US)
STAR	COSTR (RNAV)		1	KCOF	COCOA BEACH	FL (US)
STAR	COSTR (RNAV)		1	KLEE	LEESBURG	FL (US)
STAR	MINEE	1, 2, 3	2	KLEE	LEESBURG	FL (US)
STAR	COSTR (RNAV)		1	KMLB	MELBOURNE	FL (US)
STAR	COSTR (RNAV)		1	KCOI	MERRITT ISLAND	FL (US)
STAR	MINEE	1, 2, 3	2	KCOI	MERRITT ISLAND	FL (US)
STAR	COSTR (RNAV)		1	KISM	ORLANDO	FL (US)
STAR	MINEE	1, 2, 3	2	KISM	ORLANDO	FL (US)
STAR	COSTR (RNAV)		1	KMCO	ORLANDO	FL (US)
STAR	MINEE	1, 2, 3	2	KMCO	ORLANDO	FL (US)
STAR	COSTR (RNAV)		1	KORL	ORLANDO	FL (US)
STAR	MINEE	1, 2, 3	2	KORL	ORLANDO	FL (US)
STAR	COSTR (RNAV)		1	KSFB	ORLANDO	FL (US)
STAR	MINEE	1, 2, 3	2	KSFB	ORLANDO	FL (US)
STAR	COSTR (RNAV)		1	KTIX	TITUSVILLE	FL (US)
STAR	MINEE	1, 2, 3	2	KTIX	TITUSVILLE	FL (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:



1. FIX MAKE-UP FACILITIES: CHANGED FAC 1, 2 MRA FROM 2200 TO 2300.
2. ESV: CHANGED FAC 2 MIN ALTITUDE FROM 2200 TO 2300.
3. HOLDING: CHANGED PATTERN 2 MINIMUM LEG LENGTH IN TIME FROM 1-1 1/2 TO 1 1/2.
4. FIX USE: UPDATE AIRWAY V217, V521 FORMATTING.
5. FIX USE: DELETED RNAV (GPS)-B AT KX06.
6. REQUIRED CHARTING: ADDED CONTROLLER LOW.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A433 **NAME:** SCOTT BAGENSIE

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

DISTRIBUTION: **NFDC**
 FPO: EST Oct 13, 2020
 ARTCC: ZMA
 ATC FACILITY: MCO APP CON, MCO ATCT
 OTHER: ZJX



RADIO FIX AND HOLDING DATA RECORD

NAME: RINSE

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 271218.85N/0813532.79W

TYPE: WP, 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 NM	FAC FEET	MRA	MAA
1	LEE COUNTY	RSW	VORTAC	L	015.64	013.64	41.59	41.59		2300	17500
2	LA BELLE	LBV	VORTAC	L	333.52	334.52	25.00	25.00		2000	17500
3	SARASOTA	SRQ	VOR/DME	H	107.87	102.87		53.29		2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RSW	VORTAC	R-016	42	2000	17500
SRQ	VOR/DME	R-108	54	2000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LA BELLE (FAC 2) AND SARASOTA (FAC 3) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V 157	1, 2, 3				(US)
EN ROUTE	V 521	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 5			KAVO	AVON PARK	FL (US)
IAP	RNAV (RNP) RWY 19			KSEF	SEBRING	FL (US)
IAP	RNAV (GPS) RWY 36			KCHN	WAUCHULA	FL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

1. FIX USE: DELETED RNAV (GPS)-B AT KX06.
2. REQUIRED CHARTING: ADDED CONTROLLER LOW.

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AJV-A433

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APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

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DAVID TEFFETELLER

DISTRIBUTION:

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FPO: EST
ARTCC: ZMA
ATC FACILITY:
OTHER:

Oct 13, 2020

QUALITY
10
CHECKED