

RADIO FIX AND HOLDING DATA RECORD

NAME: DNMOR **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 283016.33N/0812623.38W **TYPE:** WP, RADAR, 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	I-ORL	LOC		252.70	246.70		6.87	41769	2000	4600
2	ORLANDO	ORL	VORTAC	H	247.61	247.61	5.99	5.99		2000	4600

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W	ORL	VORTAC	247.61	067.61	R	1		3000	5000	4	5
2	W		WP	249.70	069.70	R		4	3000	5000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-027038)	283222.37N/0812644.09W	549	1A
1	310	TOWER (12-000541)	283333.53N/0813538.23W	950	1A
2	200	AMUSEMENT_PARK_STRUCTURE (12-113863)	282641.39N/0812812.65W	578	4D
2	310	TOWER (12-000541)	283333.53N/0813538.23W	950	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 36R	KMCO	ORLANDO	FL (US)
1	ILS RWY 36R (SA CAT I)	KMCO	ORLANDO	FL (US)
1	ILS RWY 36R (CAT II - III)	KMCO	ORLANDO	FL (US)
2	RNAV (GPS) RWY 36R	KMCO	ORLANDO	FL (US)
2	RNAV (GPS) RWY 36L	KMCO	ORLANDO	FL (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36R	2	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT II - III)	2	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (SA CAT I)	2	1	KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 36L		2	KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 36R		2	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 7	1, 2		KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 04/22/2021

REASON FOR REVISION:

HOLDING CONTROLLING OBSTRUCTIONS: PAT 2 AIRSPEED 200 OBSTACLE CHANGED FROM 549 TO 578 - NEW CONTROLLER.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-5423 **NAME:** SHANE FOWLER

APPROVED BY: **DATE:** 04/01/2021 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC
FPO:
ARTCC: ZJX
ATC FACILITY: MCO APP CON, ORL TOWER
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: ESRAQ **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7

LATITUDE/LONGITUDE: 282748.06N/0813251.68W **TYPE:** WP, RADAR, 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	ORLANDO	ORL	VORTAC	H	247.15	247.15	12.20	12.20		2000	6000
2	ORLANDO	I-ORL	LOC		252.70	246.70		13.09		2000	4600

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

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	W		WP	252.60	072.60	R		4	2000	6000	4	6
2	W	I-ORL	LOC	252.70	072.70	R	1		2000	4600	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-020075)	282854.65N/0813942.82W	553	5D
2	200	TOWER (12-020075)	282854.65N/0813942.82W	553	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1, 2	2	KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7		1	KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/19/2022

REASON FOR REVISION:

DELETED HOLDING PATTERN ASSOCIATION 2, ORL, VORTAC, 03/24/2022 DELETED.
DELETED ILS OR LOC RWY 25 AND RNAV (GPS) RWY 25 AT KORL.
ADDED: ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

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

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 **NAME:** TOMMY BYRNS

APPROVED BY: **DATE:** 10/28/2021 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MSHEL

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 283513.52N/0811321.78W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	ORLANDO	ORL	VORTAC	H	065.87	065.87	6.50	6.50		1500	1500

REMARKS:

NAME CHANGED FROM SOTCO TO MSHEL.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1		KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/15/2012

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2012

OFFICE: AJV-352

NAME: ROBERT COOK

APPROVED BY:

DATE: 10/04/2012

OFFICE: AJV-352

NAME: DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: OVIDO **STATE:** FL **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 284105.45N/0810858.00W **TYPE:** WP, INT, DME
AIRSPACE DOCKET: 19-ASO-7 **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	TREASURE	TRV	VORTAC	H	337.01	330.01	69.64	69.64	4000	17500
2	ORLANDO	ORL	VORTAC	H	049.00	049.00	12.98	12.98	1600	17500
3	ORMOND BEACH	OMN	VORTAC	H	183.00	183.00	37.06	37.06	2000	17500
4	MELBOURNE	MLB	VOR/DME	L	329.01	322.01	44.08	44.08	2700	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLB	VOR/DME	R-329	45	2700	17500
TRV	VORTAC	R-337	70	4000	14600

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	NE	ORL	VORTAC	049.00	229.00	R	1		3000	6000	6	7
2	NE		WP	055.00	235.00	R		4	1600	6000	4	6
3	N	OMN	VORTAC	183.00	183.00	R	1		2000	6000	5	7
4	NE	ORL	VORTAC	049.00	229.00	R	1		1600	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001006)	283609.00N/0810536.00W	1673	5D
2	200	TOWER (12-002888)	283913.82N/0811204.47W	352	1A
3	200	TOWER (12-001006)	283609.00N/0810536.00W	1673	5D
4	200	TOWER (12-002888)	283913.82N/0811204.47W	352	1A

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

ORLANDO (FAC 2) AND ORMOND BEACH (FAC 3) USED TO ESTABLISH FIX COORDINATES.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 4 ESTABLISHED TO ELIMINATE OBSTACLES (HOLDING TEMPLATE 4) SO MISSED APPROACH HOLDING AT 1600 MSL COULD BE AUTHORIZED FOR THE KORL ILS OR LOC RWY 7.
 PAT 1 CONTROLLING OBSTACLE LIES IN SECONDARY AREA 9503 FEET FROM EDGE OF PRIMARY (PRIMARY EQUIVALENT 782)
 PAT 3 CONTROLLING OBSTACLE LIES IN SECONDARY AREA 9916 FEET FROM EDGE OF PRIMARY (PRIMARY EQUIVALENT 766)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V437	2, 4				(US)
EN ROUTE	V51	1, 2, 3				(US)
EN ROUTE	V533	2, 3				(US)
IAP	RNAV (GPS) RWY 2			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	ILS OR LOC RWY 35L	2, 4	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (CAT II & III)	2, 4	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (SA CAT I)	2, 4	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 7	2	4	KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7		2	KORL	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9R (ALTERNATE MISSED)	3	3	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 9			KTIX	TITUSVILLE	FL (US)
IAP	RNAV (GPS) Y RWY 18			KTIX	TITUSVILLE	FL (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 01/30/2020

REASON FOR REVISION:

AIRSPACE DOCKET; ADDED 19-ASO-7.
 FIX MAKE-UP FACILITIES; CHANGED MAA FOR FAC 1, 2 AND 3 FROM 45000 TO 17500 - NO HIGH STRUCTURE USAGE.
 ESV; CHANGED TRV VORTAC MAX ALT FROM 14500 TO 14600.
 FIX USE; DELETED J45.
 REQUIRED CHARTING; CHANGED CONTROLLER TO CONTROLLER LOW. REMOVED EN ROUTE HIGH.

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

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BARRY SMITH**APPROVED BY:****DATE:** 10/31/2019**OFFICE:** AJV-A420**NAME:** MARLON ROBINSON**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** EST**ARTCC:** ZJX**ATC FACILITY:** MCO APP CON**OTHER:**

RADIO FIX AND HOLDING DATA RECORD

NAME: SWLTR

STATE: FL

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 283127.39N/0812316.80W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	ORLANDO	I-ORL	LOC		252.70	246.70		3.89		920	4600
2	ORLANDO	ORL	VORTAC	H			3.01	3.01		920	4600

REMARKS:

ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
NAMED CHANGED FROM BUVAY TO SWLTR.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1, 2		KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/15/2016

REASON FOR REVISION:

CHANGED NAME FROM BUVAY TO SWLTR PER ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/02/2016

OFFICE: AJV-5412

NAME: PETER GUIMOND

APPROVED BY:

DATE: 07/29/2016

OFFICE: AJV-5410

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON, ORL TOWER
OTHER: