

# RADIO FIX AND HOLDING DATA RECORD

NAME: DUBLIN VORTAC STATE: GA COUNTRY: US ICAO REGION CODE: K7  
 LATITUDE/LONGITUDE: 323348.46N/0824948.16W TYPE:

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	MRA FEET	MAA
1	DUBLIN	DBN	VORTAC	L						41000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DBN	VORTAC	R-170	48	18000	41000

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	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	DBN	VORTAC	170.00	350.00	R		15	18000	41000	28	28
2	E	DBN	VORTAC	097.00	277.00	R	1-1 1/2		2000	17500	4	16

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	TOWER (13-004009)	323255.60N/0823848.50W	850	4D
2	200	TOWER (13-001855)	323706.00N/0824604.00W	668	5D

## HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

## REMARKS:

PAT 1 - 15 NM LEG LENGTH REQUESTED BY ATC.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAGVAR: 5W (2010).

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JACKSONVILLE			KJAX	JACKSONVILLE	FL (US)
DP	PLFMD (RNAV)			KCHS	CHARLESTON	SC (US)
DP	EXECUTIVE (RNAV)			KJZI	CHARLESTON	SC (US)
EN ROUTE	V154					(US)
EN ROUTE	V179					(US)
EN ROUTE	V267					(US)
EN ROUTE	V5					(US)
EN ROUTE	V51					(US)
IAP	RNAV (GPS) RWY 29			K48A	COCHRAN	GA (US)
IAP	ILS OR LOC RWY 2		2	KDBN	DUBLIN	GA (US)
IAP	ILS OR LOC RWY 2			KEZM	EASTMAN	GA (US)
IAP	LOC RWY 10			KMAC	MACON	GA (US)
IAP	VOR-A			KMAC	MACON	GA (US)
IAP	ILS OR LOC RWY 5			KMCN	MACON	GA (US)
IAP	NDB RWY 21			KMQW	MCRAE	GA (US)
IAP	RNAV (GPS) RWY 21			KMQW	MCRAE	GA (US)
IAP	RNAV (GPS) RWY 31			KOKZ	SANDERSVILLE	GA (US)
IAP	ILS OR LOC/DME RWY 14			KSBO	SWAINSBORO	GA (US)
IAP	NDB RWY 14			KSBO	SWAINSBORO	GA (US)
IAP	ILS OR LOC RWY 25			KVDI	VIDALIA	GA (US)
STAR	SINCA		1	KATL	ATLANTA	GA (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 26

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

1. DELETED JAGUAR DP AT KMCO FROM FIX USE.
2. AMENDED ILS OR LOC/DME RWY 5 TO ILS OR LOC RWY 5 AT KMCN IN FIX USE.
3. DELETED REMARK: UNPLANNED HOLDING CONTROLLING OBSTRUCTION (13-004009) 4D ACCURACY FROM OE/AAA STUDY (2005-ASO-6399-OE). OBSTACLE IS ASSIGNED A 4D AC IN AIRNAV DATABASE.

DEVELOPED BY: DATE: 06/12/2017 OFFICE: AJV-5422 NAME: PETER GUIMOND

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

**SIGNATURE:****DISTRIBUTION:**

**NFDC**  
**FPO: EST**  
**ARTCC: ZTL**  
**ATC FACILITY: ATL APP CON**  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: HUSKY STATE: GA COUNTRY: US ICAO REGION CODE: K7  
 LATITUDE/LONGITUDE: 331949.65N/0835848.75W 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 FAC NM	MRA	MAA
1	DUBLIN	DBN	VORTAC	L	313.65	308.65		74.04	3000	17500
2	ATHENS	AHN	VOR/DME	L	221.80	221.80		49.44	3000	17500
3	ATLANTA	ATL	VORTAC	H	132.95	127.95	29.00	29.00	3000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DBN	VORTAC	R-314	75	3000	17500
AHN	VOR/DME	R-222	50	3000	17500

## FIX RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## 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	SE		WP	131.03	311.03	R	4	3000 6000	5 6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-002043)	331730.51N/0840210.67W	1106	5E

## REMARKS:

DUBLIN (FAC 1) AND ATHENS (FAC 2) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V179-323	1, 2				GA (US)
IAP	RNAV (GPS) RWY 10			KCV	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 28		1	KCV	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 31	1, 2		KFFC	ATLANTA	GA (US)
IAP	NDB RWY 31	1, 2		KFFC	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 13			KFFC	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 31			KFFC	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 24			KHMP	HAMPTON	GA (US)
IAP	RNAV (GPS) RWY 6		1	KHMP	HAMPTON	GA (US)
STAR	CANUK (RNAV)			KATL	ATLANTA	GA (US)
STAR	SINCA	1, 2		KATL	ATLANTA	GA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 09/15/2016

## REASON FOR REVISION:

CHANGED FIX USE AIRPORT IDENT FROM K4A7 TO KHMP - AIRPORT NAME CHANGE.  
 CHANGED CONTROLLING OBSTACLE ELEVATION FROM 1101 TO 1106.  
 MOVED HOLDING LIMITED TO ESTABLISHED PATTERN NOTE FROM HOLDING RESTRICTIONS TO FIX RESTRICTIONS.  
 REMOVED AREA FROM REQUIRED CHARTING.  
 ADDED PATTERN 1 TO RNAV (GPS) RWY 6 IN FIX USE.

DEVELOPED BY: DATE: 04/01/2016 OFFICE: AJV-5412 NAME: MIKE MELSSEN

APPROVED BY: DATE: 06/28/2016 OFFICE: AJV-5410 NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION: NFDC  
 FPO: EST  
 ARTCC: ZTL  
 ATC FACILITY: ATL APP CON  
 OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: MACON VORTAC STATE: GA COUNTRY: US ICAO REGION CODE: K7  
 LATITUDE/LONGITUDE: 324128.27N/0833849.86W TYPE:

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	MRA FEET	MAA
1	MACON	MCN	VORTAC	H						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	SW	MCN	VORTAC	207.95	027.95	L	1	2000 6000	4 5
2	NW	MCN	VORTAC	314.00	134.00	R	1	2300 6000	6 7

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (13-002148)	323525.00N/0834541.00W	947	2C
2	230	TOWER (13-002771)	324644.00N/0833829.00W	970	4D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 PAT 2 BASED ON 230 KT FOR MILITARY AIRCRAFT.  
 ASSIGNED FACILITY MAG VAR: 1E 1965.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VRSTY (RNAV)			KATL	ATLANTA	GA (US)
DP	WIGLE (RNAV)			KATL	ATLANTA	GA (US)
DP	JUNPR (RNAV)			KAGS	AUGUSTA	GA (US)
DP	JUNPR (RNAV)			KAIK	AIKEN	SC (US)
EN ROUTE	J40					(US)
EN ROUTE	J45					(US)
EN ROUTE	V154					(US)
EN ROUTE	V323					(US)
EN ROUTE	V35					(US)
EN ROUTE	V362					(US)
EN ROUTE	V56					(US)
IAP	ILS OR LOC RWY 9L			KATL	ATLANTA	GA (US)
IAP	ILS OR LOC RWY 9R			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9L			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R (CAT II & III)			KATL	ATLANTA	GA (US)
IAP	ILS PRM RWY 9R (SA CAT I)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (CAT II & III)			KATL	ATLANTA	GA (US)
IAP	ILS RWY 9R (SA CAT I)			KATL	ATLANTA	GA (US)
IAP	RNAV (GPS) RWY 11			K48A	COCHRAN	GA (US)
IAP	ILS OR LOC RWY 2			KDBN	DUBLIN	GA (US)
IAP	LOC RWY 10			KMAC	MACON	GA (US)
IAP	VOR-A		1	KMAC	MACON	GA (US)
IAP	ILS OR LOC/DME RWY 5			KMCN	MACON	GA (US)
IAP	VOR RWY 13			KMCN	MACON	GA (US)
IAP	VOR RWY 23			KMCN	MACON	GA (US)
IAP	ILS OR LOC RWY 36			KPXE	PERRY	GA (US)
IAP	VOR-A			KPXE	PERRY	GA (US)
IAP	HI-ILS OR LOC RWY 15			KWRB	WARNER ROBINS	GA (US)
IAP	HI-ILS OR LOC RWY 33			KWRB	WARNER ROBINS	GA (US)
IAP	HI-VOR/DME OR TACAN RWY 15			KWRB	WARNER ROBINS	GA (US)
IAP	HI-VOR/DME OR TACAN RWY 33			KWRB	WARNER ROBINS	GA (US)
IAP	ILS OR LOC RWY 15			KWRB	WARNER ROBINS	GA (US)
IAP	ILS OR LOC RWY 33			KWRB	WARNER ROBINS	GA (US)
IAP	VOR RWY 15		2	KWRB	WARNER ROBINS	GA (US)
IAP	VOR/DME OR TACAN RWY 33			KWRB	WARNER ROBINS	GA (US)
IAP	VOR/DME Z RWY 33			KWRB	WARNER ROBINS	GA (US)
STAR	SINCA			KATL	ATLANTA	GA (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 15

**DATE OF REVISION:** 08/17/2017

**REASON FOR REVISION:**

UPDATED PAT 2 CONTROLLING OBSTRUCTION DATA.  
REMOVED KMAC VOR/DME-B FROM FIX USE.

**DEVELOPED BY:**                      **DATE:** 03/28/2017                      **OFFICE:** AJV-5421                      **NAME:** PABLO ORTIZ

**APPROVED BY:**                      **DATE:**                      **OFFICE:** AJV-5420                      **NAME:** JULIE MORGAN

**SIGNATURE:**

**DISTRIBUTION:**      **NFDC**  
                             **FPO:** EST  
                             **ARTCC:** ZTL  
                             **ATC FACILITY:** ATL APP CON, MCN ATCT  
                             **OTHER:**