

# RADIO FIX AND HOLDING DATA RECORD

NAME: ALDAN

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362352.56N/0785602.86W

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	FEET	MRA	MAA
1	SOUTH BOSTON	SBV	VORTAC	L	171.80	166.80	17.05	17.05		2600	17500
2	LIBERTY	LIB	VORTAC	VL	046.00	043.00		48.19		3000	17500
3	RALEIGH/DURHAM	RDU	VORTAC	H	355.94	346.94	32.32	32.32		2600	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LIB	VORTAC	R-046	49	3000	17500

## FIX RESTRICTIONS:

MRA V136 3000

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	S	RDU	VORTAC	175.94	355.94	R	1		3000	14000	6	14
2	N		WP	355.84	175.84	R		10	9000	12000	15	15
3	S	SBV	VORTAC	171.80	351.80	R	1		3000	6000	6	14

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-002453)	362257.00N/0785937.00W	1228	2C
1	310	STACK (37-000731)	363141.00N/0785330.00W	1334	5D
2	230	STACK (37-000731)	363141.00N/0785330.00W	1334	5D
3	200	TOWER (37-002453)	362257.00N/0785937.00W	1228	2C
3	310	STACK (37-000731)	363141.00N/0785330.00W	1334	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 6	KTDF	ROXBORO	NC (US)
3	ILS OR LOC RWY 6 (ALT MA)	KTDF	ROXBORO	NC (US)

## REMARKS:

SOUTH BOSTON (FAC 1) AND LIBERTY (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V136	1, 2				(US)
IAP	ILS OR LOC RWY 6	2, 3	1	KTDF	ROXBORO	NC (US)
IAP	ILS OR LOC RWY 6 (ALT MA)	1, 2	3	KTDF	ROXBORO	NC (US)
IAP	RNAV (GPS)-A			W63	CLARKSVILLE	VA (US)
IAP	RNAV (GPS) RWY 1			W78	SOUTH BOSTON	VA (US)
STAR	ALDAN (RNAV)		2	KRDU	RALEIGH/DURHAM	NC (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 08/10/2023

## REASON FOR REVISION:

- HOLDING: ADDED PAT 3.
- HOLDING: CHANGED PAT 1 CRS INBD FROM 175.94 TO 355.94 AND MAX TEMPLATE FROM 15 TO 14.
- IAP REQUIRING C-I-H: ADDED ILS OR LOC RWY 6 AND CHANGED ILS OR LOC RWY 6 (ALT MA) FROM PAT 1 TO PAT 3.
- FIX USE: ADDED KTDF ILS OR LOC RWY 6 AND CHANGED ILS OR LOC RWY 6 (ALT MA) FROM FAC 2,3 TO 1,2 AND FROM PAT 1 TO PAT 3.
- FIX MAKE-UP FACILITIES: ADDED 17.05 DME TO SBV VORTAC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ANDRE TUCKER

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

May 05, 2023



SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: PERSON NDB STATE: NC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 361359.85N/0790357.25W TYPE: RADAR, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	PERSON	HUR	NDB	MH							17500
2	ROXBORO	I-TDF	LOC/DME		240.10	232.10	5.53	5.55	33695	2200	5000

HOLDING: HOLDING TYPE OF ACTION: CANCEL

## 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	HUR	NDB	240.10	060.10	L	1	2500 5000	4 5

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-000952)	361429.00N/0790715.00W	1200	4D

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

I-TDF DME COORDINATES: 361725.30N/0785834.94W.  
KTDF R06 DISPLACED THRESHOLD COORDINATES: 361648.18N/0785930.67W.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 6	1, 2	1	KTDF	ROXBORO	NC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 DATE OF REVISION: 05/24/2018

## REASON FOR REVISION:

1. REMOVED FIX MAKE-UP FACILITY 3: KTDF R06.
2. ADDED DIST FROM FAC NM/FEET FOR FIX 2 I-TDF ROXBORO LOC/DME.
3. MOVED HOLDING LIMITED TO ESTABLISHED PATTERN TO RESTRICTIONS BLOCK.
4. ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED TO REMARKS.
5. CHANGED I-TDF DME COORDINATES FROM 361725.80N/0785835.25W TO 361725.30N/0785834.94W.
6. REFORMATTED ILS OR LOC RWY 6 IN FIX USE; REMOVED FAC 3.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 03/15/2018	OFFICE: AJV-5412	NAME: MIKE MELSEN
APPROVED BY:	DATE: 08/10/2023	OFFICE: AJV-A430	NAME: ERIC N SUSKI

SIGNATURE:

DISTRIBUTION: NFDC  
FPO: EST  
ARTCC: ZDC  
ATC FACILITY: RDU APP CON  
OTHER: AIRPORT MANAGER

Digitally signed by  
**ERIC N SUSKI**  
May 05, 2023

QUALITY  
34  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SOUTH BOSTON VORTAC STATE: VA COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 364030.14N/0790052.20W

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	FEET	MRA	MAA
1	SOUTH BOSTON	SBV	VORTAC	L							17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NE	SBV	VORTAC	032.00	212.00	R	1		10000	14000	9	10
2	W	SBV	VORTAC	260.55	080.55	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (51-001114)	364359.21N/0785602.02W	975	1A
2	200	AAO	364218.00N/0790836.00W	804	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.  
PAT 1 HOLDING PATTERN FOR ATC USE.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
SBV MAG VAR: 1970/W05.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	QUAKER			KGSO	GREENSBORO	NC (US)
DP	HICKORY			KHKY	HICKORY	NC (US)
DP	RALEIGH			KRDU	RALEIGH/DURHAM	NC (US)
DP	QUAKER			KINT	WINSTON SALEM	NC (US)
DP	BLACKSTONE			KBKT	BLACKSTONE	VA (US)
EN ROUTE	V136					(US)
EN ROUTE	V20					(US)
EN ROUTE	V266					(US)
EN ROUTE	V39					(US)
IAP	ILS OR LOC RWY 5L			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5R			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5L (CAT II & III)			KGSO	GREENSBORO	NC (US)
IAP	ILS RWY 5R (SA CAT II)			KGSO	GREENSBORO	NC (US)
IAP	ILS OR LOC RWY 5			KLHZ	LOUISBURG	NC (US)
IAP	LOC RWY 6			KHNZ	OXFORD	NC (US)
IAP	ILS OR LOC RWY 23L			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 23R			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 5R			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 23R (CAT II & III)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS RWY 5R (SA CAT I & II)			KRDU	RALEIGH/DURHAM	NC (US)
IAP	ILS OR LOC RWY 6			KTDF	ROXBORO	NC (US)
IAP	RNAV (GPS) RWY 18			KCXE	CHASE CITY	VA (US)
IAP	RNAV (GPS) RWY 36			KCXE	CHASE CITY	VA (US)
IAP	ILS OR LOC RWY 2		2	KDAN	DANVILLE	VA (US)
IAP	RNAV (GPS) RWY 2			KDAN	DANVILLE	VA (US)
IAP	RNAV (GPS) RWY 20			KDAN	DANVILLE	VA (US)
IAP	ILS OR LOC RWY 4			KLYH	LYNCHBURG	VA (US)
IAP	RNAV (GPS) RWY 1			W78	SOUTH BOSTON	VA (US)
IAP	VOR-A		2	W78	SOUTH BOSTON	VA (US)
IAP	LOC RWY 1			KAVC	SOUTH HILL	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

FIX USE: ADDED KTDF ILS OR LOC RWY 6.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ANDRE TUCKER



APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: ERIC N SUSKI *Digitally signed by*

SIGNATURE:

***ERIC N SUSKI***

May 05, 2023

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