

RADIO FIX AND HOLDING DATA RECORD

NAME: ISUBE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 361607.44N/0762426.64W

TYPE: WP, 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	ELIZABETH CITY	I-EPR	LOC/DME		283.41	272.41	12.08	12.10	2000	4500

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	I-EPR	LOC/DME	283.41	103.41	R	1		2000	4000	4	4
2	W		WP	283.27	103.27	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (37-022640)	361919.88N/0762444.19W	514	4D
2	200	WINDMILL (37-022640)	361919.88N/0762444.19W	514	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

I-EPR DME COORDINATES: 361540.96N-0760931.28W
PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10	1	1	KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 10		2	KECG	ELIZABETH CITY	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FIX MOVED N 20.55 FEET FROM "361607.24N/0762426.70W" TO "361607.44N/0762426.64W".
2. CHANGED FAC 1 MAG/TRUE BRG FROM "283.39/272.39" TO "283.41/272.41".
3. CHANGED PAT 1/2 RAD/CRS/BRG AND COURSE INBOUND FROM "PAT 1, 283.39/103.39" TO "283.41/103.41", "PAT 2, 283.26/103.26" TO "283.27/103.27".
4. CHANGED PAT 1/2 OBSTRUCTION FROM "WINDMILL (37-022656) 361720.90N/0762710.90W, 514, 4D" TO "WINDMILL (37-022640) 361919.88N/0762444.19W, 514, 4D".
5. CHANGED "I-EPR DME COORDINATES: 361540.86N-0760931.08W" TO "I-EPR DME COORDINATES: 361540.96N-0760931.28W" IN REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MOTUE

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 361552.82N/0761659.60W

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	ELIZABETH CITY	I-EPR	LOC/DME		283.41	272.41	6.05	6.07 36893	1600	4500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-EPR DME COORDINATES: 361540.96N-0760931.28W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 10	1		KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 10			KECG	ELIZABETH CITY	NC (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. FIX MOVED W 410.81 FEET FROM "361552.57N/0761654.60W" TO "361552.82N/0761659.60W".
2. CHANGED FAC 1 MAG/TRUE BRG FROM "283.39/272.39" TO "283.41/272.41", DME/DIST FROM FAC NM/FEET FROM "5.98/6.00/36483" TO "6.05/6.07/36893".
3. CHANGED "I-EPR DME COORDINATES: 361540.86N-0760931.08W" TO "I-EPR DME COORDINATES: 361540.96N-0760931.28W" IN REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SUNNS

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 362624.74N/0763028.21W

TYPE: WP, 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	NORFOLK	ORF	VORTAC	VH	215.83	208.83	30.87	30.87		2500	17500
2	ELIZABETH CITY	ECG	VOR/DME	VL	311.30	304.30	19.47	19.47		3000	17500

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	SW		WP	226.74	046.74	R		4	2000	4000	4	5
2	SE	ECG	VOR/DME	131.30	311.30	R	1		3000	6000	5	6
3	SE		WP	131.30	311.30	R		4	2000	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001646)	362120.51N/0763307.88W	395	4D
2	200	WINDMILL (37-022607)	362022.80N/0762450.89W	515	5D
3	200	WINDMILL (37-022606)	362038.37N/0762459.56W	514	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NORFOLK (FAC 1) AND ELIZABETH CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 21			NC01	HERTFORD	NC (US)
SPECIAL IAP	RNAV (GPS) RWY 3		3	NC01	HERTFORD	NC (US)
DP	OCEANA	2		KNTU	VIRGINIA BEACH	VA (US)
EN ROUTE	T307					(US)
EN ROUTE	T480					(US)
EN ROUTE	V194	1, 2				(US)
EN ROUTE	V266	1, 2				(US)
IAP	RNAV (GPS) RWY 23		3	KONX	CURRITUCK	NC (US)
IAP	RNAV (GPS) RWY 19			KEDE	EDENTON	NC (US)
IAP	ILS OR LOC RWY 10	1, 2	2	KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 10		1	KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 19			KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 28			KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 19	2		KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 27			KFKN	FRANKLIN	VA (US)
IAP	RNAV (GPS) RWY 5			KCPK	NORFOLK	VA (US)
IAP	RNAV (GPS) RWY 32			KORF	NORFOLK	VA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 01/22/2026

REASON FOR REVISION:

1. REMOVED "INT" FROM TYPE.
2. REMOVED FAC 2 (CVI) FROM FIX MAKE-UP FACILITIES, RE-NUMBERED FIX USE - VOR MON.
3. CHANGED PAT 1 OBSTRUCTION FROM "TOWER (37-001720) 362659.60N/0763554.60W, 452, 2C" TO "TOWER (37-001646) 362120.51N/0763307.88W, 395, 4D".
4. CHANGED "NORFOLK (FAC 1) AND ELIZABETH CITY (FAC 3) USED TO ESTABLISH FIX COORDINATES" TO "NORFOLK (FAC 1) AND ELIZABETH CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES" IN REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: ROBERT SWINSON

APPROVED BY:

DATE: 12/18/2025

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WINAL

STATE: NC

COUNTRY: US

ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 360911.86N/0762538.40W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 24-AEA-9

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	NORFOLK	ORF	VORTAC	VH	201.00	194.00	45.60	45.60	4000	17500
2	ELIZABETH CITY	ECG	VOR/DME	VL	250.00	243.00	13.73	13.73	4000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ORF	VORTAC	R-201	46	4000	14600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NORFOLK (FAC 1) AND ELIZABETH CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V139	1, 2				(US)
EN ROUTE	V472	1, 2				(US)
IAP	RNAV (GPS) RWY 5			KONX	CURRITUCK	NC (US)
IAP	NDB RWY 10			KECG	ELIZABETH CITY	NC (US)
IAP	RNAV (GPS) RWY 10			KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 10			KECG	ELIZABETH CITY	NC (US)
IAP	VOR/DME RWY 19	2		KECG	ELIZABETH CITY	NC (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 08/07/2025

REASON FOR REVISION:

AIRSPACE DOCKET: ADDED 24-AEA-9.

FIX MAKE-UP FACILITIES: EXCHANGED FACS 1 AND 2. CHANGED NEW FAC 1 (ORF) CLASS FROM H TO VH.

ESV: CHANGED ORF VORTAC MAX ALTITUDE FROM 14500 TO 14600 - MAX ALTITUDE OF DME COMPONENT.

FIX USE: ADDED V139. ADDED KECG VOR/DME RWY 10 IAP. ADDED FAC 2 TO KECG VOR/DME RWY 19 IAP - CHARTED ON PROCEDURE.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 07/03/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE: