Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: AWSEG	Date Open: 07/20/2012	Task #: 201207202050910100 1	Request #: 20120720205091
Procedure: V 70 BEULA NC TO PEARS NC AMDT Y		Airport ID: NC	Airport:		Reimbursable #:
City:	ST: NC	GPS #:		Estimated Chart Date: 01/10/2013	FICO #:
Fac ID:	Fac. Type: Proc R	Specialist: STEVE VANCAMP(Contractor)			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	07/20/2012	08/01/2012	TOBY HUFF	.
QA:	08/01/2012	09/26/2012	ERIC GREEN	
Liaison:	09/26/2012		Spurlin	REQUEST TABLE-TOP INSPECTION FOR NEW CONTROLLING OBSTACLE

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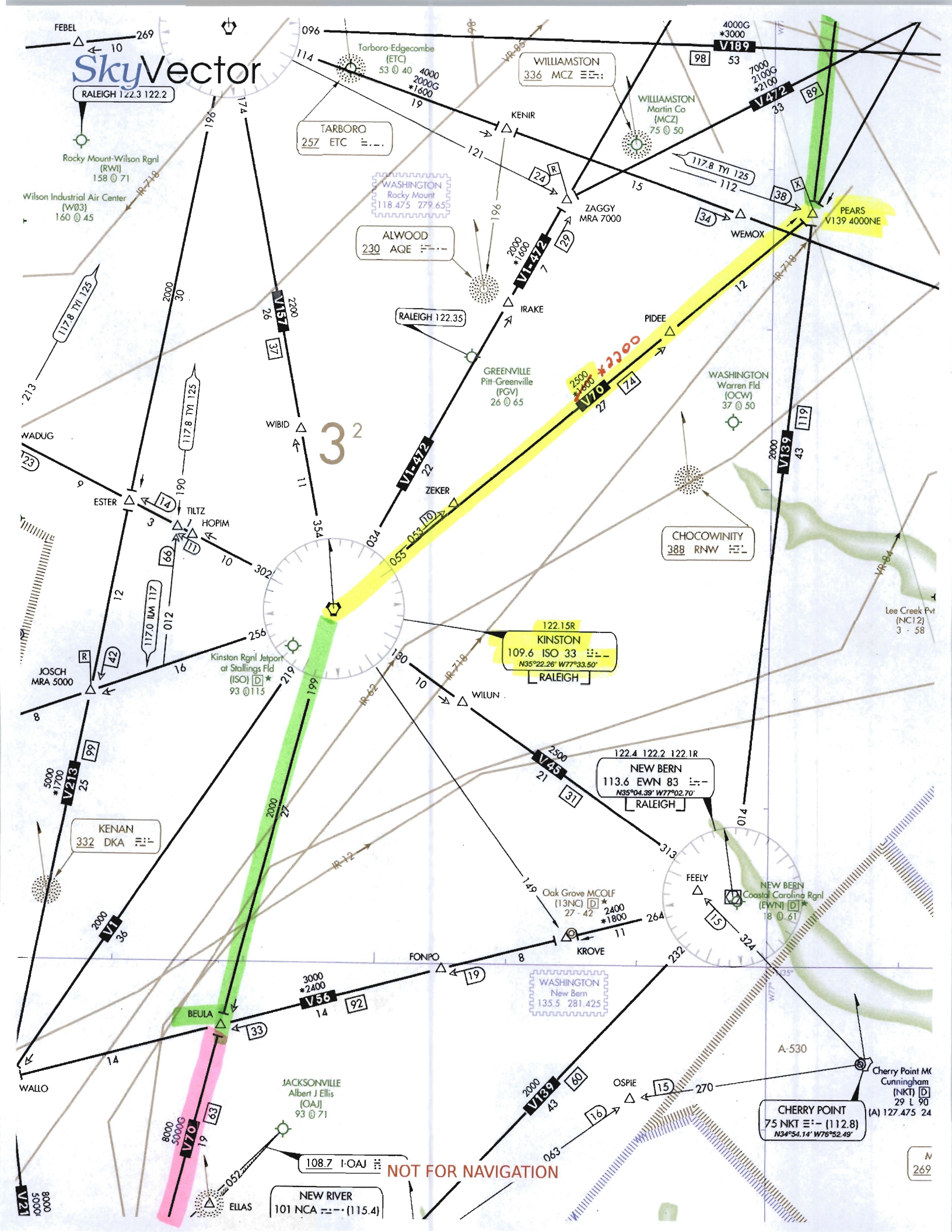
Procedure Comments: ENROUTE **Remark Type:** INFORMATION

pg 1 of 1

AIRWAY: V 70 BEULA NC - PEARS NC ENROUTE-YES FC: 11.13.12 PUB: 1.10.13

ATTACHED FORMS: 8260-16; 8260-2(S): (INFO ONLY) BEULA-INT, REV 6; KINSTON (ISO) VTAC, REV 13; PEARS-INT, REV 4.

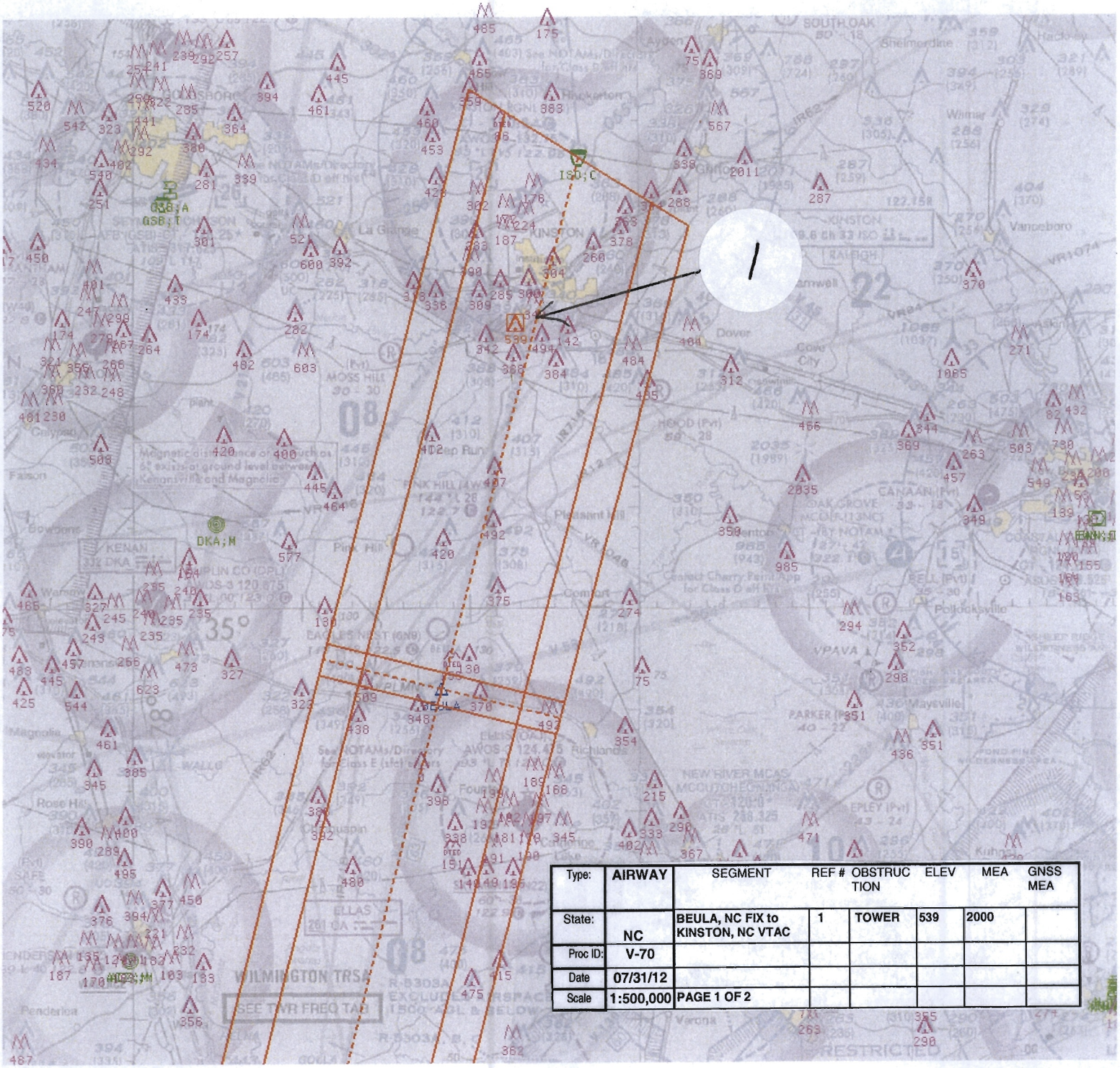
CONTACT: RAYMOND K. NUSSEAR, ENROUTE MANAGER / TOBY HUFF, ENROUTE LEAD; 301.427.4826, 405.954.9954.


SkyVector
FEBEL
RALEIGH 122.3 122.2
Rocky Mount-Wilson Rgnl (RWI) 158 @ 71
Wilson Industrial Air Center (W03) 160 @ 45
Tarboro-Edgecombe (ETC) 53 @ 40
TARBORO 257 ETC
WILLIAMSTON 336 MCZ
WILLIAMSTON Martin Co (MCZ) 75 @ 50
KENIR
WASHINGTON Rocky Mount 118.475 279.65
ALWOOD 230 AQE
ZAGGY MRA 7000
WEMOX
PEARS V139 4000NE
IRAKE
RALEIGH 122.35
GREENVILLE Pitt-Greenville (PGV) 26 @ 65
PIDEE
WASHINGTON Warren Fld (OCW) 37 @ 50
WIBID
WADUG
ESTER
TILTZ
HOPIM
ZEKER
CHOCOWINITY 388 RNW
JOSCH MRA 5000
Kinston Rgnl Jetport at Stallings Fld (ISO) D
KINSTON 109.6 ISO 33
N35°22.26' W77°33.50'
RALEIGH
WILUN
NEW BERN 113.6 EWN 83
N35°04.39' W77°02.70'
RALEIGH
KENAN 332 DKA
FEELY
NEW BERN Coastal Carolina Rgnl (EWN) D
Oak Grove MCOLF (13NC) D
KROVE
FONPO
BEULA
WALLO
WASHINGTON New Bern 135.5 281.425
JACKSONVILLE Albert J Ellis (OAJ) 93 @ 71
OSPIE
CHERRY POINT 75 NKT (112.8)
N34°54.14' W76°52.49'
108.7 I-OAJ
NEW RIVER 101 NCA (115.4)
ELLAS
NOT FOR NAVIGATION

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fposmv | v70ilmiso (TEST-_JUNE17_2010) | 30 Jul 2012 09:59:02 | 1" = 41666.7 feet (MAP)

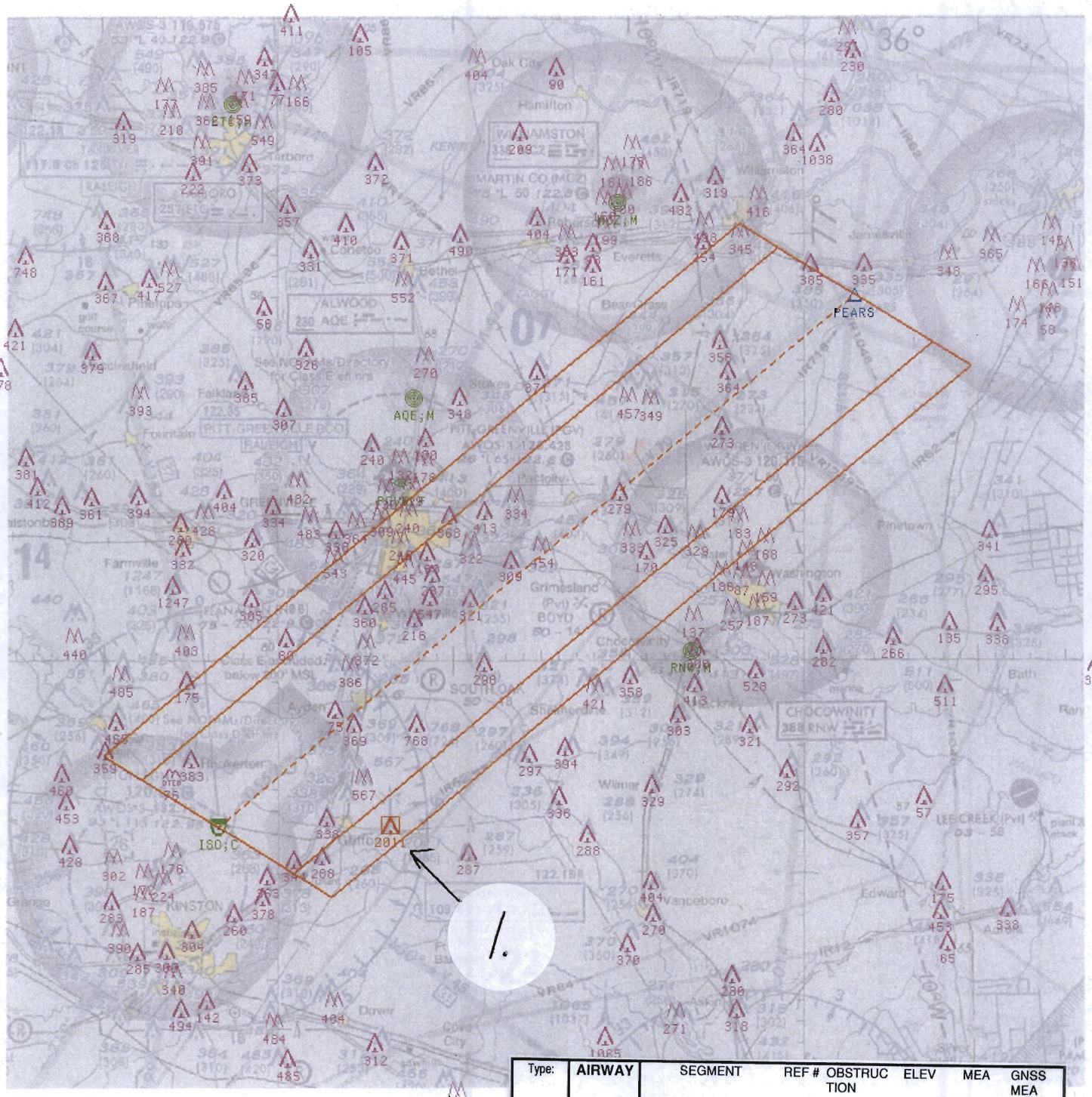


Type:	AIRWAY	SEGMENT	REF #	OBSTRUCTION	ELEV	MEA	GNSS MEA
State:	NC	BEULA, NC FIX to KINSTON, NC VTAC	1	TOWER	539	2000	
Proc ID:	V-70						
Date	07/31/12						
Scale	1:500,000	PAGE 1 OF 2					

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fposmv | v070isopea (TEST-_JUNE17_2010) | 30 Jul 2012 10:59:24 | 1" = 41666.7 feet (MAP)



Type:	AIRWAY	SEGMENT	REF #	OBSTRUCTION	ELEV	MEA	GNSS MEA
State:	NC	KINSTON, NC VTAC to PEARS, NC FIX	1	TOWER	2011	2500	
Proc ID:	V-70						
Date	07/31/12						
Scale	1:500,000	PAGE 2 OF 2					

TRANSMITTAL OF AIRWAYS / ROUTE DATA

AIRWAY NO. OR ROUTE	FROM / TO	ROUTINE OR DOCKET NO.	CONTROLLING @ TERRAIN/OBSTRUCTION AND COORDINATES	MRA / MOCA	MAA / MEA	GNSS MEA	CHANGE OVER POINT	FIX MRA/MCA	REMARKS	FLIGHT INSPECTION DATES
V70	BEULA, NC KINSTON, NC VORTAC		TOWER 539 351345.00N / 0773711.00W TERRAIN 155@ 345709.00N / 0774106.00W	2000 -1600-	17500 2000				NEW OBSTRUCTION MEA/MOCA N/C	PENDING
									CLEAR FDC NOTAM	
V70	KINSTON, NC VORTAC PEARS, NC		TOWER 2011@ 352156.50N / 0772337.00W TERRAIN 76 353409.00N / 0772336.00W	2500 -2200-	17500 2500				MAINT. PREV. MEA INC. MOCA. SA - 861	PENDING
									CLEAR FDC NOTAM	

DATE	OFFICE	TITLE	SIGNATURE
	AJV-311	MANAGER	RAY NUSSEAR

FAA FORM 8260-16 / October 2002 (computer generated)

RADIO FIX AND HOLDING DATA RECORD

REVIEW/INQUIRY

NAME: BEULA **STATE:** NC **COUNTRY:** US

LATITUDE/LONGITUDE: 345604.89N/0774140.51W **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	DIST FROM FAC FEET	MRA	MAA
1	KINSTON	ISO	VORTAC	L	199.43	194.43	26.98	26.98		2000	17500
2	NEW BERN	EWN	VOR/DME	L	263.66	255.66	33.07	33.07		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	ISO	VORTAC	199.43	019.43	R	1		3000	14000	6	12
2	S		WP	202.43	022.43	R		4	3000	6000	5	6
3	E	EWN	VOR/DME	263.66	263.66	R	1		3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (37-001699)	345606.00N/0774612.00W	509	2C
2	200	TOWER (37-001699)	345606.00N/0774612.00W	509	2C
3	200	TOWER (37-001699)	345606.00N/0774612.00W	509	2C

HOLDING RESTRICTIONS:
HOLDING PAT 1 & 3 FOR ATC USE.
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
KINSTON (FAC 1) AND NEW BERN (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	V56	1, 2				(US)
EN ROUTE	V70	1, 2				(US)
IAP	ILS OR LOC RWY 5	1		KOAJ	JACKSONVILLE	NC (US)
IAP	NDB RWY 5	1, 2		KOAJ	JACKSONVILLE	NC (US)
IAP	RNAV (GPS) RWY 23			KDPL	KENANSVILLE	NC (US)
IAP	RNAV (GPS) RWY 5			KDPL	KENANSVILLE	NC (US)
IAP	ILS RWY 5	1, 2		KISO	KINSTON	NC (US)
IAP	RNAV (GPS) RWY 22		2	KEWN	NEW BERN	NC (US)
IAP	RNAV (GPS) RWY 4			KEWN	NEW BERN	NC (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
ADDED REMARK KINSTON (FAC 1) AND NEW BERN (FAC 2) USED TO ESTABLISH FIX COORDINATES.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 09/02/2011 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (AISHAT NAUZO)

APPROVED BY: **DATE:** 03/30/2012 **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: ILM APCH, GSB APCH
OTHER: NKT APP CON

INFO ONLY

OA B APPROVED

RADIO FIX AND HOLDING DATA RECORD

REVIEW/INQUIRY

NAME: KINSTON VORTAC **STATE:** NC **COUNTRY:** US

LATITUDE/LONGITUDE: 352215.44N/0773330.01W **TYPE:**

EFFECTIVE 1/10/13

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	DIST FROM FAC FEET	MRA	MAA
1	KINSTON	ISO	VORTAC	L							17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	ISO	VORTAC	052.00	232.00	R	1-1 1/2		3000	17500	4	16
2	NE	ISO	VORTAC	053.32	233.32	R	1-1 1/2		3100	17500	4	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (37-000718)	352156.50N/0772337.00W	2011	5E
1	200	TOWER (37-002143)	352927.00N/0772556.00W	386	2C
2	200	TOWER (37-002143)	352927.00N/0772556.00W	386	2C
2	310	TOWER (37-000718)	352156.50N/0772337.00W	2011	5E

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3100.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	VOR RWY 23	KISO	KINSTON	NC (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J121					(US)
EN ROUTE	V1					(US)
EN ROUTE	V157					(US)
EN ROUTE	V45					(US)
EN ROUTE	V472					(US)
EN ROUTE	V54					(US)
EN ROUTE	V70					(US)
IAP	ILS OR LOC RWY 23			KGWW	GOLDSBORO	NC (US)
IAP	RNAV (GPS) RWY 23			KGWW	GOLDSBORO	NC (US)
IAP	RNAV (GPS) RWY 5			KGWW	GOLDSBORO	NC (US)
IAP	VOR-A			KGWW	GOLDSBORO	NC (US)
IAP	ILS OR LOC RWY 20			KPGV	GREENVILLE	NC (US)
IAP	RNAV (GPS) RWY 2			KPGV	GREENVILLE	NC (US)
IAP	RNAV (GPS) RWY 23			KOAJ	JACKSONVILLE	NC (US)
IAP	LOC/NDB RWY 23			KDPL	KENANSVILLE	NC (US)
IAP	ILS RWY 5		1	KISO	KINSTON	NC (US)
IAP	VOR RWY 23		2	KISO	KINSTON	NC (US)
IAP	VOR-A			KW40	MOUNT OLIVE	NC (US)
IAP	ILS OR LOC RWY 4			KEWN	NEW BERN	NC (US)
IAP	ILS OR LOC RWY 4			KRWI	ROCKY MOUNT	NC (US)
IAP	LOC RWY 5			KOCW	WASHINGTON	NC (US)
IAP	RNAV (GPS) RWY 5			KOCW	WASHINGTON	NC (US)
IAP	VOR/DME RWY 5			KOCW	WASHINGTON	NC (US)
STAR	BLOGS (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
STAR	BRADE			KRDU	RALEIGH/DURHAM	NC (US)
STAR	ZODAS (RNAV)			KRDU	RALEIGH/DURHAM	NC (US)
STAR	AMYLU (RNAV)			KCHS	CHARLESTON	SC (US)
STAR	RSRVE (RNAV)			KCHS	CHARLESTON	SC (US)
STAR	AMYLU (RNAV)			KJZI	CHARLESTON	SC (US)
STAR	DRONE			KLFI	HAMPTON	VA (US)
STAR	DRONE			KPHF	NEWPORT NEWS	VA (US)
STAR	DRONE			KCPK	NORFOLK	VA (US)
STAR	DRONE			KNGU	NORFOLK	VA (US)
STAR	DRONE			KNGU	NORFOLK	VA (US)
STAR	DRONE			KORF	NORFOLK	VA (US)
STAR	DRONE			KPVG	NORFOLK	VA (US)

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

COMPULSORY REPORTING POINT: NO

QA 8 APPROVED

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
1. DOCUMENTED UNPLANNED HOLDING CONTROLLING OBSTACLE.
1. INCREASED UNPLANNED HOLDING ALTITUDE FROM 3000 TO 3100.
2. REMOVED DP FROM REQUIRED CHARTING.
3. UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 07/13/2012	**OFFICE:** AJV-352	**NAME:** PETER GUIMOND
APPROVED BY:	**DATE:**	**OFFICE:** AJV-352	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZDC
ATC FACILITY: GSB APP CON
OTHER:

REVIEW/INQUIRY

RADIO FIX AND HOLDING DATA RECORD

EFFECTIVE 11/15/12

NAME: PEARS **STATE:** NC **COUNTRY:** US

LATITUDE/LONGITUDE: 354712.36N/0765701.97W **TYPE:** 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	DIST FROM FAC FEET	MRA	MAA
1	NORFOLK	ORF	VORTAC	H	216.00	209.00		75.54		6000	17500
2	TAR RIVER	TYI	VORTAC	L	112.00	107.00	38.45	38.45		2000	17500
3	KINSTON	ISO	VORTAC	L	054.88	049.88		38.80		2000	17500
4	NEW BERN	EWN	VOR/DME	L	014.16	006.16		43.00		2500	17500
5	COFIELD	CVI	VORTAC	L	195.27	186.27		35.33		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EWN	VOR/DME	R-014	43	2500	17500
ORF	VORTAC	R-216	76	6000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
NORFOLK (FAC 1) AND KINSTON (FAC 3) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V139	1, 3, 4				(US)
EN ROUTE	V70	2, 3, 5				(US)
IAP	RNAV (GPS) RWY 01			KEDE	EDENTON	NC (US)
IAP	RNAV (GPS) RWY 03			KPMZ	PLYMOUTH	NC (US)
IAP	RNAV (GPS) RWY 21			KPMZ	PLYMOUTH	NC (US)
IAP	LOC RWY 05			KOCW	WASHINGTON	NC (US)
IAP	RNAV (GPS) RWY 35			KOCW	WASHINGTON	NC (US)
IAP	NDB RWY 21			KMCZ	WILLIAMSTON	NC (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 1.79 FT SE BASED ON CENTER LINE OF V139 AND V70.
REMARK ADDED FOR FACS ESTABLISHING FIX COORD.
ADDED FAC 5.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 05/25/2011 **OFFICE:** AVN-110 **NAME:** TOBY HUFF (KRISTIN SCHIFFERT)

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** RAY NUSSEAR

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZDC
ATC FACILITY: ORF APP CON
OTHER:

QA 8 APPROVED