FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
93	93	RNAV (GPS) RWY 5	3B	05/16/2024	9W	2000

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 320/30 CW 140/30	NOPT	320/19 CW 140/19		2400
2. 320/19 CW 140/19		UHIRO	IF/IAF	2100
3. 140/30 CW 320/30		140/19 CW 320/19		3100
4. 140/19 CW 320/19		UHIRO	IF/IAF	2100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UHIRO	IF/IAF	ZOMAV		TF	FB	1.00	050.02	4.78	2100
ZOMAV	FAF	ZATVA/2.40 NM TO RW05		TF	FB	0.30	050.05	3.72	
ZATVA/2.40 NM TO RW05		RW05	MAP	TF	FO	0.30	050.05	2.40	
RW05	MAP	293 MSL		CA			050.05		
293 MSL		WINTI		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT WINTI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SW UHIRO, RT, 050.02 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 14000.
3. FAC: 050.05 **FAF:** ZOMAV **DIST FAF TO MAP:** 6.12 **DIST FAF TO THLD:** 6.12
4. MIN ALT: UHIRO 2100, ZOMAV 2100, ZATVA/2.40 NM TO RW05 900
5. DIST TO THLD FROM OM: **MM:** **IM:** **150 HAT:** **200 HAT:** 0.44 **GS ANT:**
6. MIN GP INCPT: 2100 **GP ALT AT PFAF:** ZOMAV 2100 **OM:** **MM:** **IM:**
7. GP ANGLE: 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 58.8
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GSB ALTIMETER SETTING.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING GSB ALTIMETER SETTING).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSB ALTIMETER SETTING: INCREASE LPV DA TO 336 FEET; INCREASE LNAV/VNAV DA TO 529 FEET AND ALL VISIBILITIES TO RVR 4000; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT D 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO RVR 6000.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING GSB ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO 1 3/8 MILE.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD NE, RT, 230.20 INBOUND.
CHART FAS OBST: 230 TREE (37-138955) 351812N/0773902W.
CHART VDP AT 1.03 NM TO RW05.
WAAS CHANNEL # 82004
REFERENCE PATH ID: W05A
LTP HAE: -8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA*	293	2400	200	293	2400	200	293	2400	200	293	2400	200			
LNAV/VNAV DA	486	3500	393	486	3500	393	486	3500	393	486	3500	393			
LNAV MDA	480	2400	387	480	2400	387	480	3500	387	480	3500	387			
CIRCLING	580	1	487	580	1	487	700	1 3/4	607	740	2	647			

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED RNP VALUE FROM "0.50" TO "1.00" IN THE UHIRO TO ZOMAV SEGMENT - 8260.19J 8-6-4.A(6); 8260.58C TABLE 1-2-1.
2. CHANGED CHART NOTE FROM "BARO-VNAV AND VDP NA WHEN USING SEYMOUR JOHNSON AFB ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GSB ALTIMETER SETTING" - 8260.19J 8-6-1.E(8) AND (9).
3. CHANGED CHART NOTE FROM "* RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING SEYMOUR JOHNSON AFB ALTIMETER SETTING)" TO "* RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING GSB ALTIMETER SETTING)" - 8260.19J 8-6-12.K(1).
4. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SEYMOUR JOHNSON AFB ALTIMETER SETTING: INCREASE DA TO 336 FEET; INCREASE LNAV/VNAV DA TO 529 FEET AND ALL VISIBILITIES TO RVR 4000; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT D 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSB ALTIMETER SETTING: INCREASE LPV DA TO 336 FEET; INCREASE LNAV/VNAV DA TO 529 FEET AND ALL VISIBILITIES TO RVR 4000; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT D 1/4 SM" - 8260.19J 8-6-10.F(4); CLEARS T-NOTAM 4/4967.
5. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR WHEN USING SEYMOUR JOHNSON AFB ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO 1 3/8 MILE" TO "FOR INOPERATIVE ALS WHEN USING GSB ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO 1 3/8 MILE" - 8260.19J 8-6-12.O(3)(D); UPDATED LOCATION ID PER CURRENT CRITERIA.
6. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO RVR 6000" - 8260.19J 8-6-12.O(3)(D).
7. ADDED ASTERISK TO LPV LINE OF MINIMA - 8260.19J 8-6-12; CLEARS T-NOTAM 4/4967.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, GSB APP CON, ISO ATCT, AMGR

FLIGHT CHECKED BY		OFFICE	DATE
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION	*Digitally signed by* ***RAKE MCGRAW*** Oct 07, 2024		

DEVELOPED BY		OFFICE	DATE
TIMOTHY JOHNSON	*Digitally signed by* ***Timothy Johnson*** Oct 03, 2024	AJV-A421	05/22/2024

APPROVED BY		OFFICE	DATE	TITLE
DAVID DANNER	*Digitally signed by* ***RAKE MCGRAW*** Oct 07, 2024	AJV-A421	12/26/2024	MANAGER

QUALITY 20 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KISO
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	351914.3160N
LTP/FTP LONGITUDE	0773713.1265W
LTP/FTP ELLIPSOIDAL HEIGHT	-00080
FPAP LATITUDE	352040.0085N
FPAP LONGITUDE	0773541.9020W
THRESHOLD CROSSING HEIGHT (TCH)	00058.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	61903455

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00280
FPAP ORTHOMETRIC HEIGHT	+00280

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
320/30 CW 140/30

TO
320/19 CW 140/19

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-001119)	352353.00N/0780806.00W	1149	500	125	5E	1000				AT251	2400
TERRAIN	351030.00N/0781654.00W	263 (300)								AS1500	1800

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
320/19 CW 140/19

TO
UHIRO

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-003186)	345633.59N/0775905.38W	623	20	3	1A	1000				AT477	2100
TERRAIN	350000.00N/0780400.00W	276 (300)								AS1500	1800

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

STRAIGHT-IN AREA

FROM
140/30 CW 320/30

TO
140/19 CW 320/19

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-000800)	350616.00N/0772011.00W	2035	500	125	5E	1000					3100
TERRAIN	353339.00N/0781212.00W	243 (200)								AS1500	1700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
140/19 CW 320/19

TO
UHIRO

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-003158)	351223.40N/0774945.30W	603	250	50	4D	1000				AT497	2100
TERRAIN	351918.00N/0780433.00W	233 (200)								AS1500	1700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

INTERMEDIATE

FROM	TO
UHIRO (IF/IAF)	ZOMAV

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	4.78				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	350945.00N/0774603.00W	342	500	125	5E	500				XP1133 AC125	2100
TERRAIN	350945.00N/0774603.00W	142 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP: RAISED TO MATCH ILS PROCEDURE TO RWY 5.

FINAL: LPV

FROM	TO
ZOMAV	RW05

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	6.12		DA	200	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				293

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

FINAL: LNAV/VNAV

FROM	TO
ZOMAV	RW05

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	6.12		DA	393	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (37-138743)	351828.33N/0773758.06W	208	20	3	1A		23.42:1				486

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
ZOMAV	ZATVA/2.40 NM TO RW05

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.72				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (37-138523)	351657.46N/0773907.40W	391	20	3	1A	250				RA60 XL6 XP180	900

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MAINTAIN CURRENT MINIMUM

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

FINAL: LNAV STEPDOWN

FROM	TO
ZATVA/2.40 NM TO RW05	RW05

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.40		RW05	387	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (37-138955)	351812.37N/0773901.62W	230	20	3	1A	250					480

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM	TO
UHIRO	P-6

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-6			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (37-003158)	351223.40N/0774945.30W	603	250	50	4D	1000				AT497	2100
TERRAIN	350537.00N/0774430.00W	171 (200)								AS1500	1700

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

MISSED APPROACH: LPV

FROM	TO
DA	WINTI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					122

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
TOWER (37-002143)	352927.00N/0772556.00W	386	50	20	2C	1000					1400
TERRAIN	352324.00N/0773227.00W	76 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM	TO
DA	WINTI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					325

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
TOWER (37-002143)	352927.00N/0772556.00W	386	50	20	2C	1000					1400
TERRAIN	352324.00N/0773227.00W	76 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW05	WINTI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					380

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
TOWER (37-002143)	352927.00N/0772556.00W	386	50	20	2C	1000					1400
TERRAIN	352324.00N/0773227.00W	76 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
ELEVATOR (37-138912)	352100.15N/0773448.41W	1.30	487	239	20	3	1A	300			580
CATEGORY B											
ELEVATOR (37-138912)	352100.15N/0773448.41W	1.81	487	239	20	3	1A	300			580
CATEGORY C											
ANTENNA (37-138523)	351657.46N/0773907.40W	2.84	607	391	20	3	1A	300			700
CATEGORY D											
ANTENNA (37-138523)	351657.46N/0773907.40W	3.71	647	391	20	3	1A	300			740

CIRCLING REMARKS:

MSA/ESA

CENTER	RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ISO	RNAV (GPS) RWY 5	3C	KINSTON	NC	93	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

GSB APP CON, ISO TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3	ISO	24	ISO	0.66	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3PT	GSB	24	GSB	17.99	Y	43

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KISO 93, KGSB 102
RA=42.7

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW23 - REIL (PCL), HIRL (PCL), PAPI-4L	NPI-G	ROLL OUT
RW05 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	APPROACH

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	91.7	58.8			3.00	60.4

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	538
ON CENTERLINE	X	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-15C	+54C	-15C	+14.82C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1261.

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:
NO PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

100 FT VEGETATION USED PER FPO.

UNABLE TO CALCULATE AVERAGE COLD TEMPERATURE FOR THIS LOCATION DUE TO LACK OF HISTORICAL WEATHER DATA.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	2.98
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.67
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	041.05
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	100
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.66
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	2.00
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	041.05
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	100

THRESHOLD COORDINATES (IF STR-IN)	351914.32N/0773713.13W
ARP COORDINATES	351953.16N/0773631.79W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 5 DISTANCE 0.95 NM
FAF COORDINATES	351437.16N/0774207.76W
FIX NAME COORDINATES	IF/IAF UHIRO 351100.30N/0774557.75W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
THLD DISPLACED 538FT, ACTUAL COORDINATES: 351910.31N/0773717.39W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TIMOTHY JOHNSON	AJV-A421	05/22/2024	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 20 CHECKED