

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR	Estimated Chart Date: 12/26/2024	APWS Task ID: B7AB0168C8AE4AA08F2FE42CF9166C76	APWS Project ID: 098B639A72A84E99AD68BAE019A8B3F4
Procedure: STAR SPIDR FIVE (RNAV) RICHMOND VA KRIC		Enroute: YES	Specialist: Melton, William		Agreement Number:
Airport ID: KRIC			Airport City: RICHMOND		State: VA
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: ESVS (3): FLAT ROCK (FAK) TACAN (1); ROANOKE (ROA) DME (1); CASANOVA (CSN) VORTAC (1). 280 KIAS RESTRICTION MOVED FROM HEMME TO REDNG PER FPT/ATC. FIX DEEER REPLACED WITH RUPRT PER FPT. CONTACT ALLAN WILL (405)954-6103. QUALITY 35 CHECKED QUALITY 41 CHECKED					

FIPC DME/DME FORM						
PROCEDURE: STAR SPIDR FIVE (RNAV) RICHMOND VA KRIC			AIRPORT NAME: RICHMOND INTL		AIRPORT ID: KRIC	SPECIAL CONTROL NO: YG-07-320-24
FAC ID: SPIDR5		CITY: RICHMOND			ST: VA	ORIG CHART DATE: 12/26/2024
DFL TYPE: PROC/D	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:	PTS TASK ID: B7AB0168C8AE4AA08F2FE42CF9166C76		
PREFLIGHT NOTES						
REVIEWER: michael g campbell					DATE: 08/23/2024	
COMMENTS:					CHECK ONE: ☐ FLT CK REQ ☒ NFCR ☐ REJECT	
					 YES NO	
					CPV COMPLETE? X 	
PROCEDURE RESULTS						
INSPECTION DATE: 08/23/2024	CREW #: VN504	N #:	INSTRUMENT PROCEDURE STATUS: ☒ SAT ☐ SAT W/CHANGES ☐ UNSAT		ARINC CODING: ☒ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: michael g campbell @ 08/23/2024 09:53			PRINTED NAME: CAMPBELL, MICHAEL GRANT			NOTAM INITIATED? ☐ YES ☒ NO
FLIGHT INSPECTOR REMARKS:						
DME/DME STATUS: ☒ SAT ☐ UNSAT	SPECIALIST SIGNATURE:				PRINTED NAME: Steven Rager	
SPECIALIST REMARKS: No Post Flight DME-DME analysis necessary.						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

FIPC DME/DME FORM						
PROCEDURE: STAR SPIDR FIVE (RNAV) RICHMOND VA KRIC			AIRPORT NAME: RICHMOND INTL		AIRPORT ID: KRIC	SPECIAL CONTROL NO: YG-07-320-24
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					☐ FLT CK REQ ☒ NFCR ☐ REJECT	
					 YES NO	
					CPV COMPLETE?	
					X	
PROCEDURE RESULTS						
INSPECTION DATE: 08/23/2024	CREW #: VN504	N #:	INSTRUMENT PROCEDURE STATUS: ☒ SAT ☐ SAT W/CHANGES ☐ UNSAT		ARINC CODING: ☒ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: michael g campbell @ 08/23/2024 09:53			PRINTED NAME: CAMPBELL, MICHAEL GRANT			NOTAM INITIATED? ☐ YES ☒ NO
FLIGHT INSPECTOR REMARKS:						
DME/DME STATUS: ☐ SAT ☐ UNSAT	SPECIALIST SIGNATURE:				PRINTED NAME:	
SPECIALIST REMARKS:						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

INFO ONLY



Federal Aviation Administration

Memorandum

Date: July 18, 2023

To: Instrument Flight Procedures Service Providers
WADE EK
TERRELL

From: Eric S. Parker, Acting Manager, Flight Technologies and Procedures
Division

Subject: Waiver to FAA Order 8260.3, United States Standard for Terminal
Instrument Procedures (TERPS), STAR Termination Altitude

This memorandum waives the requirement of FAA Order 8260.3 paragraph 2-2-7.f(2) for Flight Standards approval when, due to an operational need, an altitude is not established at the termination fix on a STAR that does not join an approach.

Establishing an altitude at the termination fix on STAR that does not join an approach is beneficial for arrival descent planning purposes and is highly encouraged where practical. We recommend consulting Flight Standards, Flight Procedures and Airspace Group early in the design phase to assist in understanding how an altitude at a termination fix benefits operators.

No additional waiver request action is required. Please direct all inquiries to the Flight Procedures and Airspace Group, Standards Section (405) 954-1139 or 9-AWA-AVS-AFS420@faa.gov.

ESV Details

Originating Office :AJR-37		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:KRIC SPIDR STAR		City:FLAT ROCK		Ident:FAK		State:VA
Type/Class: TACAN		Frequency: M1167		Reference Number: 24026712		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 698146 - 023	292	303	66	94	150	
Requirement: ESTABLISH DME/DME SOLUTION ON SPIDE STAR AT KRIC						
Signature:Cook David		Routing Symbol:				Date:02/15/2024
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698146 - 023	292	303	66	94	150	APPROVE
Requirement/Remarks: ESTABLISH DME/DME SOLUTION ON SPIDE STAR AT KRICAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Love John		Routing Symbol:			Date:02/20/2024	
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698146 - 023	292	303	66	94	150	APPROVE
Requirement/Remarks: ESTABLISH DME/DME SOLUTION ON SPIDE STAR AT KRICAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:02/20/2024	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 698146 - 023	292	303				
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

ESV Details

Originating Office :AJR-37		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:KRIC SPIDR STAR		City:ROANOKE		Ident:ROA		State:VA
Type/Class: DMER		Frequency: M992		Reference Number: 24026592		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 870933 - 012	55	67	67	62	180	
Requirement: ESTABLISH DME/DME SOLUTION ON SPIDR STAR AT KRIC						
Signature:Cook David		Routing Symbol:				Date:02/06/2024
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870933 - 012	55	67	67	62	180	APPROVE
Requirement/Remarks: ESTABLISH DME/DME SOLUTION ON SPIDR STAR AT KRICAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:				Date:02/15/2024
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870933 - 012	55	67	67	62	180	APPROVE
Requirement/Remarks: ESTABLISH DME/DME SOLUTION ON SPIDR STAR AT KRICAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:				Date:02/15/2024
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 870933 - 012	55	67				
Requirement/Remarks:						
Signature:		Routing Symbol:				Date:

NE-3, 16 MAY 2024 to 13 JUN 2024

POTOMAC APP CON
126.75 307.2
ATIS
119.15 263.025

MONTEBELLO

MOL

FL210



15000

*6200

175°

(16)

ZUMAT

13000

*4500

(14)

DXOON

13000

*2800

(13)

REDNG

13000

*1800

(6)

HEMME

12000

280K

11000

(6)

112°

(12)

8000

*1700

(12)

SPIDR

8000

*1600

(9)

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DEER

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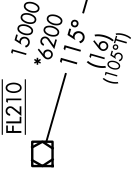
DEER

4000

105°

POTOMAC APP CON
126.75 307.2
ATIS
119.15 263.025

MONTEBELLO
MOL
FL210



ZUMAT
12000
*4500
(14)
(105°T)

DXOON
8000
*2800
(13)
(1105°T)

REDNG
13000
8000
*1700
(6)
(1104°T)

HEMME
12000
11000

SPIDR
8000

RUPRT
16, 20

DUCXS
4000

149°

080°

139°

105°

112°

102°

114°

109°

105°

105°

105°

PROTOTYPE-NOT FOR NAVIGATION

NOTE: Jet aircraft only.
NOTE: Landing south use runway 16 transition, landing north use runway 2 transition. Expect runway assignment from TRACON 10 miles prior to SPIDR.

ARRIVAL ROUTE DESCRIPTION

MONTEBELLO TRANSITION (MOL-SPIDR5)

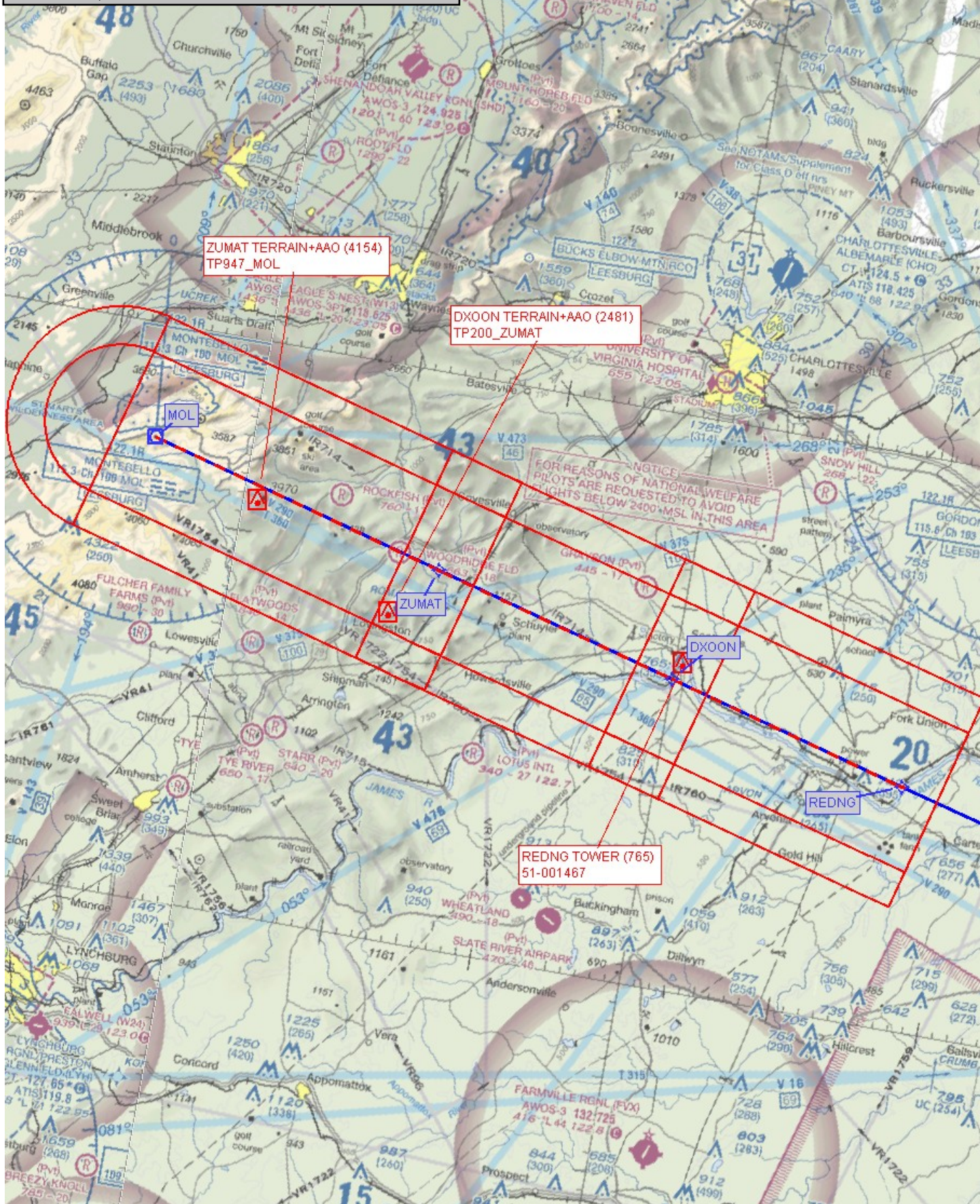
LANDING RWYS 2, 34: From SPIDR on track 149° to cross DUCXS at 4000, then on heading 149°. Expect RADAR vectors to final approach course.

LANDING RWYS 16, 20: From SPIDR on track 105° to RUPRT, then on heading 080°. Expect RADAR vectors to final approach course.

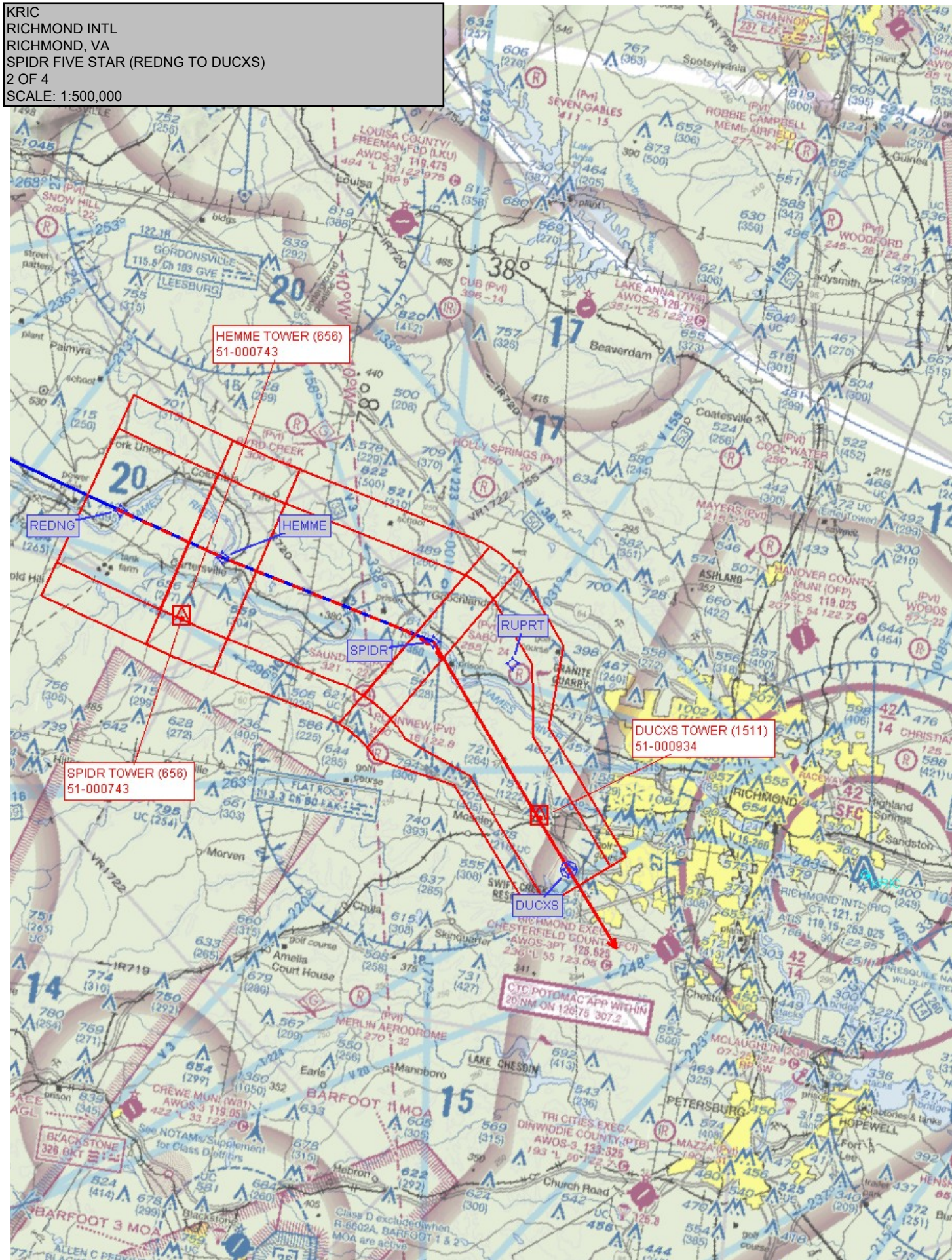
RNAV 1-DME/DME/IRU or GPS.
RADAR required.

NOTE: Chart not to scale.

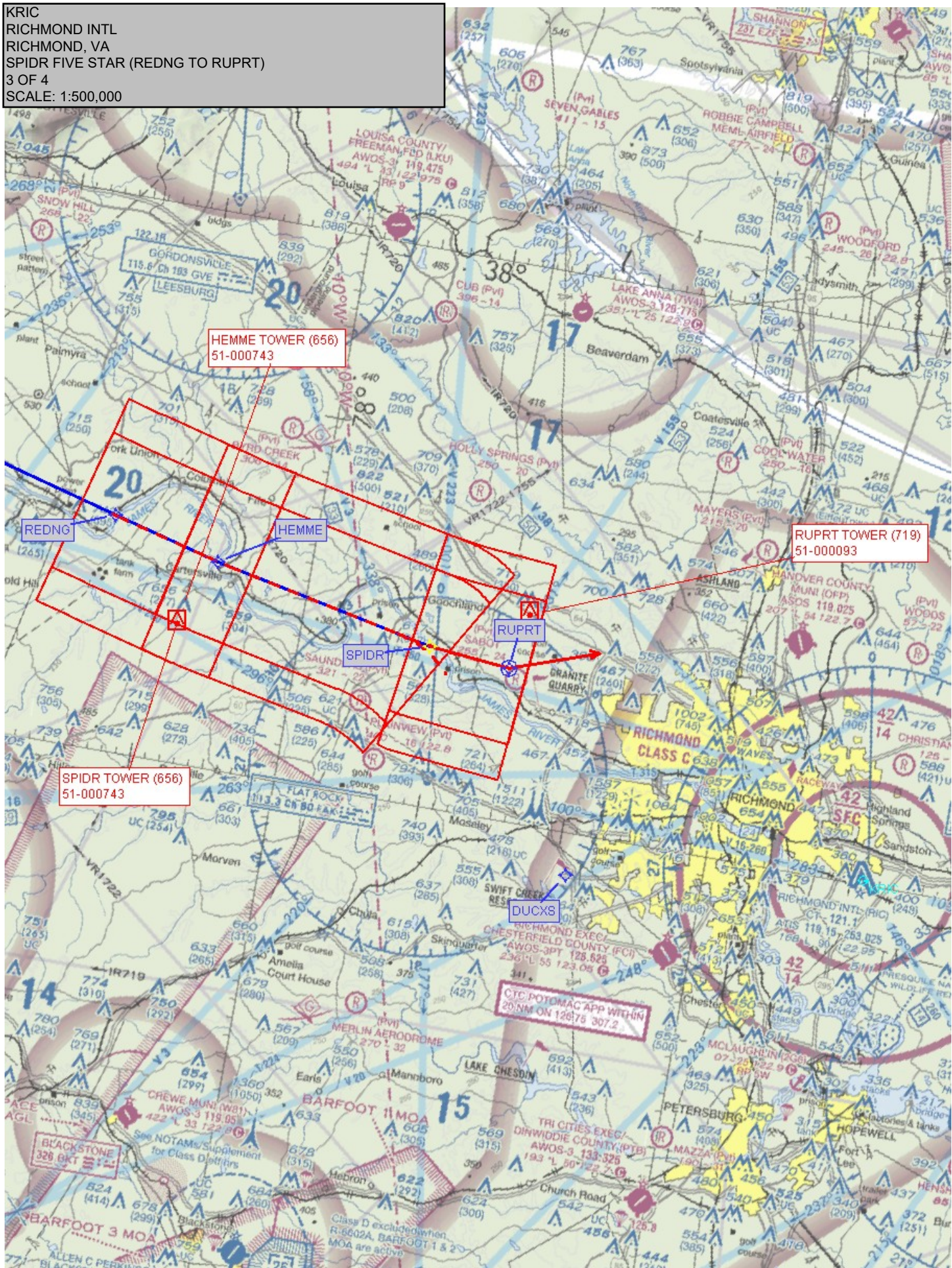
KRIC
RICHMOND INTL
RICHMOND, VA
SPIDR FIVE STAR (MONTEBELLO (MOL) VOR/DME TO REDNG)1
1 OF 4
SCALE: 1:500,000



KRIC
RICHMOND INTL
RICHMOND, VA
SPIDR FIVE STAR (REDNG TO DUCXS)
2 OF 4
SCALE: 1:500,000



KRIC
RICHMOND INTL
RICHMOND, VA
SPIDR FIVE STAR (REDNG TO RUPRT)
3 OF 4
SCALE: 1:500,000



KRIC
RICHMOND INTL
RICHMOND, VA
SPIDR FIVE STAR (HEMME HOLDING)
4 OF 4
SCALE: 1:500,000

