

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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.

<u>AIRPORT</u> RICHMOND INTL	<u>AIRPORT ID</u> KRIC	<u>PROCEDURE NAME</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> RICHMOND	<u>STATE</u> VA	
<u>AIRPORT ELEVATION</u> 168	<u>TDZE</u> 161	<u>SUPERSEDED</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-EZD	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HPW VORTAC		CASEE INT/RIC 12.50 DME					268.81	13.17	2000
CASEE INT/RIC 12.50 DME	IF/IAF	JESTY INT/RIC 5.95 DME/RADAR					023.46	6.56 (I-EZD)	2000

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.63 NM AFTER JESTY INT/RIC 5.95 DME/RADAR OR AT RIC 0.49 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 ON RIC VORTAC R-018 TO EPICS INT/RIC 17.27 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 660 THEN CLIMBING RIGHT TURN TO 2000 ON HPW VORTAC R-335 TO HPW VORTAC AND HOLD.

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW CASEE, RT, 023.46 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4600.
- FAC: 023.46 FAF: JESTY INT/RIC 5.95 DME/RADAR DIST FAF TO MAP: 5.63 DIST FAF TO THLD: 5.63
- MIN ALT: CASEE INT/RIC 12.50 DME 2000, JESTY INT/RIC 5.95 DME/RADAR 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 977
- MIN GS INCPT: 2000 GS ALT AT FAF: JESTY INT/RIC 5.95 DME/RADAR 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: TCH: 49.7
- MSA FROM: RIC VORTAC 360-180 2000, 180-360 2600

**EQUIPMENT REQUIREMENTS NOTES:**



**NOTES:**  
CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 2 ALL CATS VISIBILITY TO 7/8 SM AND S-LOC 2 CATS A AND B VISIBILITY TO 1 SM.

**ADDITIONAL FLIGHT DATA:**  
HOLD S, RT, 018.29 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S HPW VORTAC, RT, 003.00 INBOUND.  
CHART FAS OBST: 306 TOWER 372602N/0772015W.  
CHART IN PLANVIEW: HPW VORTAC.  
CHART CIRCLING ICON.

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

**ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD

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
S-ILS 02	457	3/4	296	457	3/4	296	457	3/4	296	457	3/4	296			
S-LOC 02	560	3/4	399	560	3/4	399	560	3/4	399	560	3/4	399			
CIRCLING	660	1	492	660	1	492	700	1 1/2	532	720	2	552			

**CHANGES - REASONS**  
1. CHANGED FAS OBSTACLE FROM "271 TOWER 372710N/0772006W" TO "306 TOWER 372602N/0772015W" - NEW CONTROLLING OBSTACLE.  
2. CHANGED S-LOC 2 MINIMUMS FROM MDA/HAA "540/379" TO MDA/HAA "560/399"- INCORPORATED NOTAM !FDC 9/5353.  
3. ADDED "34:1 IS NOT CLEAR" - VISUAL PENETRATIONS TO THE SURFACE EXIST.  
4. UPDATED ALS NOTE FROM - "FOR INOPERATIVE ALS, INCREASE S-LOC 2 CATS A AND B VISIBILITY TO 1 SM, AND CATS C AND D VISIBILITY TO 1 1/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-ILS 2 ALL CATS VISIBILITY TO 7/8 SM AND S-LOC 2 CATS A AND B VISIBILITY TO 1 SM" - NEW VISI CHECK REPORT.  
5. UPDATED HOLDING TO MAX 4600 - GENERATED 8260-2 MAX ALTITUDE.

**COORDINATED WITH:**  
**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, RIC APP CON, RIC ATCT, APT MGR

**FLIGHT CHECKED BY**  
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE** *Digitally signed by*  
**JOHN BORDY** **DATE**  
Jul 30, 2020

**DEVELOPED BY** *Digitally signed by*  
JOHN BORDY (ARTHUR ULVESTAD) **JOHN BORDY**  
Jul 30, 2020

**OFFICE** **DATE**  
AJV-A422 05/11/2020

**APPROVED BY** *Digitally signed by*  
MARLON ROBINSON **JOHN BORDY**  
Jul 30, 2020

**OFFICE** **DATE** **TITLE**  
AJV-A420 **MANAGER**

