

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 7.16 NM AFTER FIBUG INT/RIC 7.97 DME OR AT RIC 0.87 DME
FAK VORTAC	FIBUG INT/RIC 7.97 DME	081.13 / 20.91	2800	CLIMB TO 2000 DIRECT HPW VORTAC AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON RIC VORTAC R-018 TO EPICS INT/RIC 17.27 DME AND HOLD.
RIC VORTAC	FIBUG INT/RIC 7.97 DME	338.82 / 7.97	2800	

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 205.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S EPICS INT/17.27 DME, RT, 018.29 INBOUND.
CHART FAS OBST: 279 TREE 373139N/0772017W.
% DME FROM RIC VORTAC
CHART IN PLANVIEW: EPICS INT/17.27 DME.
CHART CIRCLING ICON.
CHART IN PLANVIEW (CFDTG) AT 373843.60N/0772537.10W.

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW FIBUG, LT, 157.46 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
3. FAC: 157.46 FAF: FIBUG INT/RIC 7.97 DME DIST FAF TO MAP: 7.16 THLD: 7.16
4. MIN. ALT: FIBUG INT/RIC 7.97 DME 2500, GORDD INT/RIC 3.02 DME 920*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: **1050**
6. MIN GS INCPT: 2500 GS ALT AT: FIBUG 2500 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 54.4
8. MSA FROM: **RIC VORTAC 360-180 2000, 180-360 2600**

MAG VAR: 10W EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD	LOC: STANDARD @												
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 16**	367	2400	200	367	2400	200	367	2400	200	367	2400	200			
S-LOC 16	920	2400	753	920	4000	753	920	1 3/4	753	920	1 3/4	753			
CIRCLING	920	1	752	920	1 1/4	752	920	2 1/2	752	920	2 1/2	752			

GORDD FIX MINIMUMS %

S-LOC 16	580	2400	413	580	2400	413	580	4000	413	580	4000	413			
CIRCLING	660	1	492	660	1	492	700	1 1/2	532	720	2	552			

NOTES:
 CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 *LOC ONLY
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 16 CATS C AND D VISIBILITY TO 2 SM.
 (CONTINUED ON PAGE 2)

@ CAT C, D 800-2 1/2



CITY AND STATE RICHMOND, VA	ELEVATION: 168 TDZE: 167 AIRPORT NAME: RICHMOND INTL	FACILITY IDENTIFIER: I-RGJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 16, AMDT 9B 19 JULY 2018	SUP: AMDT: 9A DATED 05/28/2015
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: GORDD FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 16 CATS C AND D VISIBILITY TO 1 1/8 SM.



CITY AND STATE RICHMOND, VA	ELEVATION: 168 AIRPORT NAME: RICHMOND INTL	TDZE: 167	FACILITY IDENTIFIER: I-RGJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 16, AMDT 9B 19 JULY 2018	SUP:
					AMDT: 9A
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