

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR 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 |  |      |                      |        |   |         |                         |      |                  |        |     |         |
| MRB VORTAC  | HOOSR/AML 17.49 DME/RADAR | 124.45 / 20.64  | 5000     | <b>ILS: DA</b><br><b>LOC: AML 2.19 DME FIX</b>   |      |                      |        |   |         |                         |      |                  |        |     |         |
| HOOSR/AML 17.49 DME/RADAR (IAF)   | BOYDS/AML 16.43 DME       | 190.65 / 1.05 (I-DLX)   | 4500     |  |      |                      |        |   |         |                         |      |                  |        |     |         |
| BOYDS/AML 16.43 DME   | ARKAY/AML 12.74 DME       | 190.65 / 3.70 (I-DLX)   | 3700*    | <b>CLIMB TO 3000 VIA HEADING 191 AND AML VORTAC R-187 TO ERACE INT/AML 13.33 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 4000 VIA HEADING 191 AND CSN VORTAC R-069 TO CSN VORTAC AND HOLD NE, RT, 232.09 INBOUND.</b>  |      |                      |        |   |         |                         |      |                  |        |     |         |
| ARKAY/AML 12.74 DME (IF)  | ENEDE/AML 9.60 DME        | 190.63 / 3.14 (I-DLX)   | 2700*    |  |      |                      |        |   |         |                         |      |                  |        |     |         |
| ENEDE/AML 9.60 DME  | FEMKO/AML 5.83 DME        | 190.65 / 3.77 (I-DLX)   | 1500     |  |      |                      |        |   |         |                         |      |                  |        |     |         |
|   |                           |   |          | <b>ADDITIONAL FLIGHT DATA:</b><br><b>HOLD N, RT, 187.27 INBOUND.</b><br><b>CHART: ALTERNATE MA HOLDING, HOLD NE CSN VORTAC, RT, 232.09 INBOUND.</b><br><b>CHART FAS OBST: 405 TREE 385923N/0772714W</b><br><b>CHART LOC RWY 19L</b><br><b>CHART LOC RWY 19R</b><br><b>CHART MRB VORTAC 20.64 DME AT HOOSR</b><br><b>CHART IN PLANVIEW: CSN VORTAC.</b> |      |                      |        |   |         |                         |      |                  |        |     |         |
| 1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)<br>2. <b>PROFILE STARTS AT HOOSR/AML 17.49 DME/RADAR</b><br>3. <b>FAC: 190.65 FAF: FEMKO/AML 5.83 DME</b> DIST FAF TO MAP: <u>      </u> THLD: <b>3.66</b><br>4. <b>MIN. ALT: HOOSR 5000, BOYDS 4500, ARKAY 3700*, ENEDE 2700*, FEMKO 1500</b><br>5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <b>880</b> 150 HAT: <u>      </u> 100 HAT: <b>941</b> GS ANT: <b>1030</b><br>6. MIN GS INCPT: <b>1500</b> GS ALT AT: <b>FEMKO/AML 5.83 DME 1500</b> OM: <u>      </u> MM: <u>      </u> IM: <b>369</b><br>7. GS ANGLE: <b>3.00</b> TCH: <b>54.0</b><br>8. MSA FROM: <b>AML VORTAC 360-180 2500, 180-360 3400</b> |                           |   |          |  |      |                      |        | <b>MAG VAR: 10W</b>                         |         | <b>EPOCH YEAR: 2000</b> |      |                  |        |     |         |
| <b>MINIMUMS</b>   |                           |   |          |  |      |                      |        |   |         |                         |      |                  |        |     |         |
| TAKEOFF: <u>      </u>  |                           | STANDARD <input checked="" type="checkbox"/> X SEE FAA FORM 8260-15A FOR THIS AIRPORT |          | ALTERNATE: <u>NA</u>   |      | ILS: # <u>      </u> |        | 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 19C   | 472                       | 1800  | 200      | 472  | 1800 | 200                  | 472    | 1800  | 200     | 472                     | 1800 | 200              |        |     |         |
| S-LOC 19C   | 660                       | 2400  | 388      | 660  | 2400 | 388                  | 660    | 2400  | 388     | 660                     | 4000 | 388              |        |     |         |
| CIRCLING  | 940                       | 1   | 628      | 940  | 1    | 628                  | 940    | 1 3/4                                       | 628     | 940                     | 2    | 628              |        |     |         |
|   |                           |   |          |  |      |                      |        |   |         |                         |      |                  |        |     |         |
|   |                           |   |          |  |      |                      |        |   |         |                         |      |                  |        |     |         |
|   |                           |   |          |  |      |                      |        |   |         |                         |      |                  |        |     |         |
| <b>NOTES:</b><br><b>CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 19C: DA 372 MSL, 108</b><br><b>RA, RVR 1200, HAT 100; CAT A, B, C, D.</b><br><b>CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 19C: CAT IIIA RVR 700;</b><br><b>CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.</b><br><b>SEE 8260-10</b>  |                           |   |          |  |      |                      |        |   |         |                         |      |                  |        |     |         |
| CITY AND STATE  |                           |   |          | ELEVATION: 312 TDZE: 272   |      | FACILITY IDENTIFIER: |        | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:      |         |                         |      | SUP:             |        |     |         |
| WASHINGTON, DC  |                           |   |          | AIRPORT NAME:  |      | I-DLX                |        | ILS OR LOC/DME RWY 19C, AMDT 25             |         |                         |      | AMDT: 24A        |        |     |         |
|   |                           |   |          | WASHINGTON DULLES INTL   |      |                      |        | ILS RWY 19C (CAT II), ILS RWY 19C (CAT III) |         |                         |      | DATED 06/05/2008 |        |     |         |
|   |                           |   |          |  |      |                      |        | 20 NOV 2008                                 |         |                         |      |                  |        |     |         |

CHECKED

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## NOTES CONT.

CHART NOTE: DME FROM AML VORTAC. SIMULTANEOUS RECEPTION OF I-DLX AND AML DME REQUIRED.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19L OR 19R.

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART PROFILE NOTE: \* WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 2700 OR 3700.

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS

CITY AND STATE

WASHINGTON, DC

ELEVATION: 312 TDZE: 272

AIRPORT NAME:

WASHINGTON DULLES INTL

FACILITY  
IDENTIFIER:  
I-DLX

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC/DME RWY 19C, AMDT 25  
ILS RWY 19C (CAT II), ILS RWY 19C (CAT III)

20 NOV 2008

SUP:

AMDT: 24A

DATED: 06/05/2009

QUALITY  
CHECKED