

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet. MSL. Altitudes are minimum altitudes unless otherwise indicated.

Distances are in nautical miles (NM). Graphic depiction attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MAPEL (RNAV)	ONE	PRIVO.MAPEL1	NONE		20 AUG 2015

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
PHILIPSBURG	PSB.MAPEL1	PSB VORTAC	PSB VORTAC						
			JARAF	177.33	24.50	12000	4700		
			PRIVO	177.41	26.70	10000	4600		
WILSS	WILSS.MAPEL1	WILSS	WILSS						
			PRIVO	236.30	16.73	10000	4600		

ARRIVAL ROUTE DESCRIPTION:

FROM PRIVO ON TRACK 177.49/10.37 TO CROSS DAFIX AT 12000 (MEA 10000/MOCA 4600), THEN ON TRACK 177.52/10.54 TO CROSS OVIEE AT 10000 AND AT 250 KIAS (MEA 7000/MOCA 3200), THEN ON TRACK 179.88/14.34 TO CROSS MAPEL AT 7000 (MEA 7000/MOCA 4100).

LANDING RWY 01R/C: FROM MAPEL ON TRACK 152.60/18.15 TO CROSS MOWAT AT 5000 (MEA 5000/MOCA 4000), THEN ON TRACK 188.90/6.10 TO CROSS HUSEL AT 4000 (MEA 4000/MOCA 3500), THEN ON TRACK 189.88/15.37 TO YACKK (MEA 3000), THEN ON TRACK 190.95/13.71 TO TICON (MEA 3000/MOCA 1800), THEN ON TRACK 190.95. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 01L: FROM MAPEL ON TRACK 187.25/21.57 TO CROSS KUKSE AT 5000 (MEA 5000/MOCA 4000), THEN ON TRACK 191.11/12.77 TO ELISN (MEA 3000), THEN ON TRACK 190.55/18.10 TO MIKEJ (MEA 3000), THEN ON TRACK 190.55. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 19C: FROM MAPEL ON TRACK 153.01/11.08 TO CROSS COVUR AT 7000 (MEA 5000/MOCA 4000), THEN ON TRACK 190.81/3.00 TO DIMKE (MEA 4000/MOCA 2900), THEN ON TRACK 190.65/4.97 TO HOOSR (MEA 4000/MOCA 2900). EXPECT ILS OR LOC TO RWY 19C.

LANDING RWY 19L: FROM MAPEL ON TRACK 148.71/6.54 TO CROSS MCQUE AT/BELOW 5000 (MEA 4000), THEN ON TRACK 148.93/5.24 TO CROSS LITEY AT 4000 (MEA 4000), THEN ON TRACK 190.68/3.00 TO YYANG (MEA 4000/MOCA 3200), THEN ON TRACK 190.67/4.65 TO DADEY (MEA 3500). EXPECT ILS OR LOC TO RWY 19L.

LANDING RWY 19R: FROM MAPEL ON TRACK 155.95/6.48 TO CROSS NAILR AT 6000 (MEA 6000/MOCA 4000), THEN ON TRACK 156.23/4.18 TO CROSS REXOE AT 6000 (MEA 5000/MOCA 3500), THEN ON TRACK 190.65/7.12 TO BEEZY (MEA 4000/MOCA 3400). EXPECT ILS OR LOC TO RWY 19R.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: MAINTAIN LAST ASSIGNED ALTITUDE UNTIL "CLEARED TO DESCEND VIA MAPEL ONE STAR".

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING PATTERN AT: DAFIX , N, LT, 182.00 INBOUND, 4 NM LEGS, 210 KIAS.

COMMUNICATIONS:

POTOMAC APP CON: 133.0/288.35

WASHINGTON DULLES INTL ATIS: 134.85

AIRPORTS SERVED:

WASHINGTON DULLES INTL , WASHINGTON, DC

QUALITY
3
CHECKED

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LOST COMMUNICATIONS PROCEDURE:REMARKS:ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGNETIC VARIATION = KIAD 10W/2000

CHART: R-4009, P40.

CHANGES:REASONS:

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

STAR (DATA RECORD)

Arrival Name MAPEL (RNAV)	Number ONE	STAR Computer Code PRIVO.MAPEL1	Superseded Number NONE	Dated	Effective Date 20 AUG 2015				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
PSB VORTAC	405458.53N / 0775933.78W	Y		IF					PSB.MAPEL1
JARAF	403103.18N / 0775231.02W	Y	FB	TF	167.33	24.50			
PRIVO	400458.57N / 0774456.01W	Y	FB	TF	167.41	26.70			
En Route Transition									
WILSS	401633.51N / 0772910.74W	Y		IF					WILSS.MAPEL1
PRIVO	400458.57N / 0774456.01W	Y	FB	TF	226.30	16.73			
Common Route									
PRIVO	400458.57N / 0774456.01W	Y		IF					PRIVO.MAPEL1
DAFIX	395450.43N / 0774200.78W	Y	FB	TF	167.49	10.37	AT 12000		
OVIEE	394432.59N / 0773903.69W	Y	FB	TF	167.52	10.54	AT 10000	AT 250K	
MAPEL	393024.59N / 0773548.34W	Y	FB	TF	169.88	14.34	AT 7000		
Runway Transition									
MAPEL	393024.59N / 0773548.34W	Y		IF			AT 7000		
MOWAT	391557.60N / 0772136.60W	Y	FB	TF	142.60	18.15	AT 5000		
HUSEL	390951.60N / 0772127.60W	Y	FB	TF	178.90	6.10	AT 4000		
YACKK	385428.80N / 0772125.20W	Y	FB	TF	179.88	15.37			
TICON	384045.60N / 0772142.60W		FO	TF	180.95	13.71			
KIAD:RWY 01C,RWY 01R				FM	180.95				RECOMMENDED NAVAID: ADW VORTAC.
Runway Transition									
MAPEL	393024.59N / 0773548.34W	Y		IF			AT 7000		
KUKSE	390850.86N / 0773428.65W	Y	FB	TF	177.25	21.57	AT 5000		
ELISN	385604.35N / 0773447.64W	Y	FB	TF	181.11	12.77			
MIKEJ	383757.45N / 0773500.92W	Y	FO	TF	180.55	18.10			
KIAD:RWY 01L				FM	180.55				RECOMMENDED NAVAID: ADW VORTAC

QUALITY
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
MAPEL	393024.59N / 0773548.34W	Y		IF			AT 7000		
COVUR	392132.66N / 0772712.49W	Y	FB	TF	143.01	11.08	AT 7000		
DIMKE	391832.78N / 0772715.78W	Y	FB	TF	180.81	3.00			
HOOSR	391334.29N / 0772720.15W	Y	FB	TF	180.65	4.97			
KIAD:RWY 19C									

Runway Transition									
MAPEL	393024.59N / 0773548.34W	Y		IF			AT 7000		
MCQUE	392529.30N / 0773014.07W	Y	FB	TF	138.71	6.54	AT/BELOW 5000		
LITEY	392131.86N / 0772547.63W	Y	FB	TF	138.93	5.24	AT 4000		
YYANG	391832.01N / 0772550.37W	Y	FB	TF	180.68	3.00			
DADEY	391352.68N / 0772554.59W	Y	FB	TF	180.67	4.65			
KIAD:RWY 19L									

Runway Transition									
MAPEL	393024.59N / 0773548.34W	Y		IF			AT 7000		
NAILR	392501.99N / 0773107.41W	Y	FB	TF	145.95	6.48	AT 6000		
REXOE	392133.17N / 0772807.54W	Y	FB	TF	146.23	4.18	AT 6000		
BEEZY	391425.81N / 0772813.81W	Y	FB	TF	180.65	7.12			
KIAD:RWY 19R									