

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
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.
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Arrival Name GIBBZ (RNAV)	Number FIVE	STAR Computer Code GIBBZ.GIBBZ5	Superseded Number FOUR	Dated 12/31/2020	Effective Date 21 MAR 2024				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
JARLO	JARLO.GIBBZ5	JARLO	JARLO						
			FIMPA	102.19	47.40	12000	7100		AT/ABOVE FL240
			WOJOW	102.78	14.53	12000	7100		
			BURTT	085.34	31.42	12000	7100		
			PHOOW	085.47	09.10	12000	6900		
			HESEE	085.33	06.45	12000	6800		AT/ABOVE FL240
			GYSLO	085.75	21.57	12000	6800		BETWEEN 17000 AND FL220
			BBONE	087.83	10.92	12000	6100		BETWEEN 15000 AND FL190
			KILMR	083.04	21.96	10000	5700		AT 11000
			OTTTO	057.26	10.90	7000	5700		AT 9000
			MAAAY	082.13	07.07	7000	5400		AT 7000
			RYPIN	082.22	06.23	4500	4400		AT 6000
			GIBBZ	082.30	08.63	4200	3400		AT 6000
MORGANTOWN	MGW.GIBBZ5	MGW VOR/DME	MGW VOR/DME						
			BRNDN	113.00	15.74	12000	5600		AT/ABOVE FL240
			HIROY	113.03	05.79	9000	5600		BETWEEN FL240 AND FL270
			JIMVE	113.31	10.73	9000	5600		BETWEEN FL210 AND FL250
			TABBE	112.68	12.29	9000	5400		BETWEEN 17000 AND FL230
			KIKKR	112.97	17.15	8000	4500		BETWEEN 14000 AND 16000
			IGGGY	113.00	09.45	7000	4500		AT/BELOW 14000
			MOSLE	133.95	07.42	7000	4500		AT 11000
			MONNK	134.05	05.51	7000	4200		AT/BELOW 10000
			BMICH	134.09	07.50	5000	4200		AT/ABOVE 9000
			THZMN	134.23	08.00	5000	4200		AT 7000
			GIBBZ	134.25	06.00	4200	3400		AT 6000
SITTR	SITTR.GIBBZ5	SITTR	SITTR						
			POMYK	075.88	14.79	12000	7100		AT/ABOVE FL240

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Arrival Name GIBBZ (RNAV)	Number FIVE		STAR Computer Code GIBBZ.GIBBZ5	Superseded Number FOUR			Dated 12/31/2020	Effective Date 21 MAR 2024	
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			GBERG	075.69	08.03	12000	7100		
			HHARP	062.39	30.41	12000	7100		
			BURTT	066.17	20.46	12000	7100		
			PHOOW	085.47	09.10	12000	6900		
			HESEE	085.33	06.45	12000	6800		AT/ABOVE FL240
			GYSLO	085.75	21.57	12000	6800		BETWEEN 17000 AND FL220
			BBONE	087.83	10.92	12000	6100		BETWEEN 15000 AND FL190
			KILMR	083.04	21.96	10000	5700		AT 11000
			OTTTO	057.26	10.90	7000	5700		AT 9000
			MAAAY	082.13	07.07	7000	5400		AT 7000
			RYPIN	082.22	06.23	4500	4400		AT 6000
			GIBBZ	082.30	08.63	4200	3400		AT 6000

ARRIVAL ROUTE DESCRIPTION:

LANDING KIAD RWY 1L/C/R: FROM GIBBZ ON TRACK 107.68/6.44 TO SUNYJ, THEN ON TRACK 168.12/6.32 TO SIYOB, THEN ON TRACK 192.15/13.25 TO MIKEJ, THEN ON TRACK 192.15. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KIAD RWY 19L/C/R: FROM GIBBZ ON TRACK 107.68/6.44 TO SUNYJ, THEN ON TRACK 041.51/4.36 TO UDIYU, THEN ON TRACK 009.98/8.04 TO KUKSE, THEN ON TRACK 009.57/5.53 TO MATTC, THEN ON TRACK 009.57. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KIAD RWY 30: FROM GIBBZ ON TRACK 107.68/6.44 TO SUNYJ, THEN ON TRACK 168.12/6.32 TO SIYOB, THEN ON TRACK 192.15/13.25 TO MIKEJ, THEN ON TRACK 192.15. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KHEF: FROM GIBBZ ON TRACK 107.68/6.44 TO SUNYJ, THEN ON TRACK 168.12/6.32 TO SIYOB, THEN ON TRACK 192.15/13.25 TO MIKEJ, THEN ON TRACK 192.15. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KJYO: FROM GIBBZ ON TRACK 107.68/6.44 TO SUNYJ, THEN ON TRACK 041.51/4.36 TO UDIYU, THEN ON TRACK 009.98/8.04 TO KUKSE, THEN ON TRACK 009.57/5.53 TO MATTC, THEN ON TRACK 009.57. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: TURBOPROP AIRCRAFT ATC ASSIGNED ONLY.

NOTE: MAINTAIN LAST ATC ASSIGNED ALTITUDE UNTIL CLEARED TO "DESCEND VIA THE GIBBZ FIVE" THEN COMPLY WITH ALTITUDE RESTRICTIONS AS PUBLISHED.

NOTE: PROHIBITED AREA P-56 NORTH OF DCA - AVOID - SURFACE TO 18000.

NOTE: AIRCRAFT LANDING KJYO/KHEF FROM THE MGW TRANSITION MAY EXPECT RADAR VECTORS AFTER IGGY.

NOTE: AIRCRAFT LANDING KJYO/KHEF FROM THE JARLO AND SITTR TRANSITIONS MAY EXPECT RADAR VECTORS AFTER KILMR.

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GIBBZ (RNAV)	FIVE	GIBBZ.GIBBZ5	FOUR	12/31/2020	21 MAR 2024

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT MGW VOR/DME: HOLD NW, LT, 129.25 INBOUND, 10 NM LEGS.
CHART HOLDING AT IGGGY: HOLD NW, RT, 113.00 INBOUND, 6 NM LEGS, 210 KIAS.
CHART HOLDING AT HESEE: HOLD W, RT, 085.33 INBOUND, 10 NM LEGS.
CHART HOLDING AT KILMR: HOLD W, RT, 083.04 INBOUND, 6 NM LEGS, 210 KIAS

COMMUNICATIONS:

CHART: POTOMAC APP CON.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KIAD	WASHINGTON	DC
KJYO	LEESBURG	VA
KHEF	WASHINGTON	DC

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: KIAD 10W/2000
CHART: P-56A, P-56B
CHART: P-40, R-4009
CHART: AT MIKEJ TERMINUS: KIAD LDG RWY 1L/C/R, RWY 30.
CHART: AT MATTC TERMINUS: KIAD LDG RWY 19L/C/R.
CHART: AT MIKEJ TERMINUS: LDG KHEF.
CHART: AT MATTC TERMINUS: LDG KJYO.

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
GIBBZ (RNAV)	FIVE	GIBBZ.GIBBZ5	FOUR	12/31/2020	21 MAR 2024
FLIGHT INSPECTED BY:	ORGANIZATION:	DATE:	<i>Digitally signed by</i>		
BOB S PRESSLER	FPO	01/04/2024	Flight Inspected Signature:	CASIMIR L TABAKA	
				<i>Digitally signed by</i>	Jan 19, 2024
DEVELOPED BY:				TYLER D MITCHELL	
Tyler Mitchell	AJV-A432	11/01/2023	Developed By Signature:	<i>Dec 10, 2023</i>	
APPROVED BY:				<i>Digitally signed by</i>	
Casimir Tabaka	AJV-A432		Approved By Signature:	CASIMIR L TABAKA	Jan 19, 2024

CHANGES:

1. MOVED: RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIRMENT NOTES.
2. REMOVED: PROCEDURAL DATA NOTES RNAV 1 AND DME/DME/IRU OR GPS REQUIRED AND REPLACED WITH PBN REQUIREMENT NOTES RNAV 1 - DME/DME/IRU OR GPS.
3. ADDED: JARLO WP AND ASSOCIATED TRANSITION.
3. ADDED: SITTR WP AND ASSOCIATED TRANSITION.
5. REMOVED: HVQ, BKW.
6. ADDED: AOA FL240 CONSTRAINT AT BRNDN.
7. REMOVED: 280 KIAS CONSTRAINT AT KIKKR.
8. ADDED: "AT 6000" ALTITUDE CONSTRAINT AT GIBBZ.
9. ADDED: AOA FL240 CONSTRAINT AT FIMPA.
10. REMOVED: 280 KIAS CONSTRAINT AT GYSLO.
11. REMOVED: 280 KIAS CONSTRAINT AT BBONE.
12. ADDED: AOA FL240 CONSTRAINT AT POMYK.
13. ADDED: KHEF COMMON ROUTE TRANSITION.
14. ADDED: KJYO COMMON ROUTE TRANSITION.
15. DELETED: PLAN VIEW NOTE: "LANDING IAD RWY 12, JYO, AND HEF (FROM MGW TRANSITION): EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
16. DELETED: PLAN VIEW NOTE: "LANDING IAD RWY 12, JYO, AND HEF (FROM HVQ AND BKW TRANSITION): EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.
17. ADDED NOTE: AIRCRAFT LANDING KJYO/KHEF FROM THE MGW TRANSITION MAY EXPECT RADAR VECTORS AFTER IGGY.
18. ADDED NOTE: AIRCRAFT LANDING KJYO/KHEF FROM THE JARLO AND SITTR TRANSITIONS MAY EXPECT RADAR VECTORS AFTER KILMR.
19. AMENDED: MEA SITTR TO BBONE SEGMENTS TO 12000.
20. AMENDED: MEA JARLO TO BURTT SEGMENTS TO 12000.
21. AMENDED: MEA BBONE TO KILMR SEGMENT TO 10000.
22. AMENDED: MEA KLMER TO OTTTO SEGMENT TO 7000.
23. AMENDED: MEA MGW TO BRNDN SEGMENT TO 12000.
24. AMENDED: MEA BRNDN TO TABBE SEGMENTS TO 9000.
25. AMENDED: MEA TABBE TO KIKKR SEGMENT TO 8000.
26. AMENDED: MEA KIKKR TO MONNK SEGMENTS TO 7000.
27. MGW HOLD PAT CRS INBOUND CHANGED FROM 127.00 TO 129.25.

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GIBBZ (RNAV)	FIVE	GIBBZ.GIBBZ5	FOUR	12/31/2020	21 MAR 2024

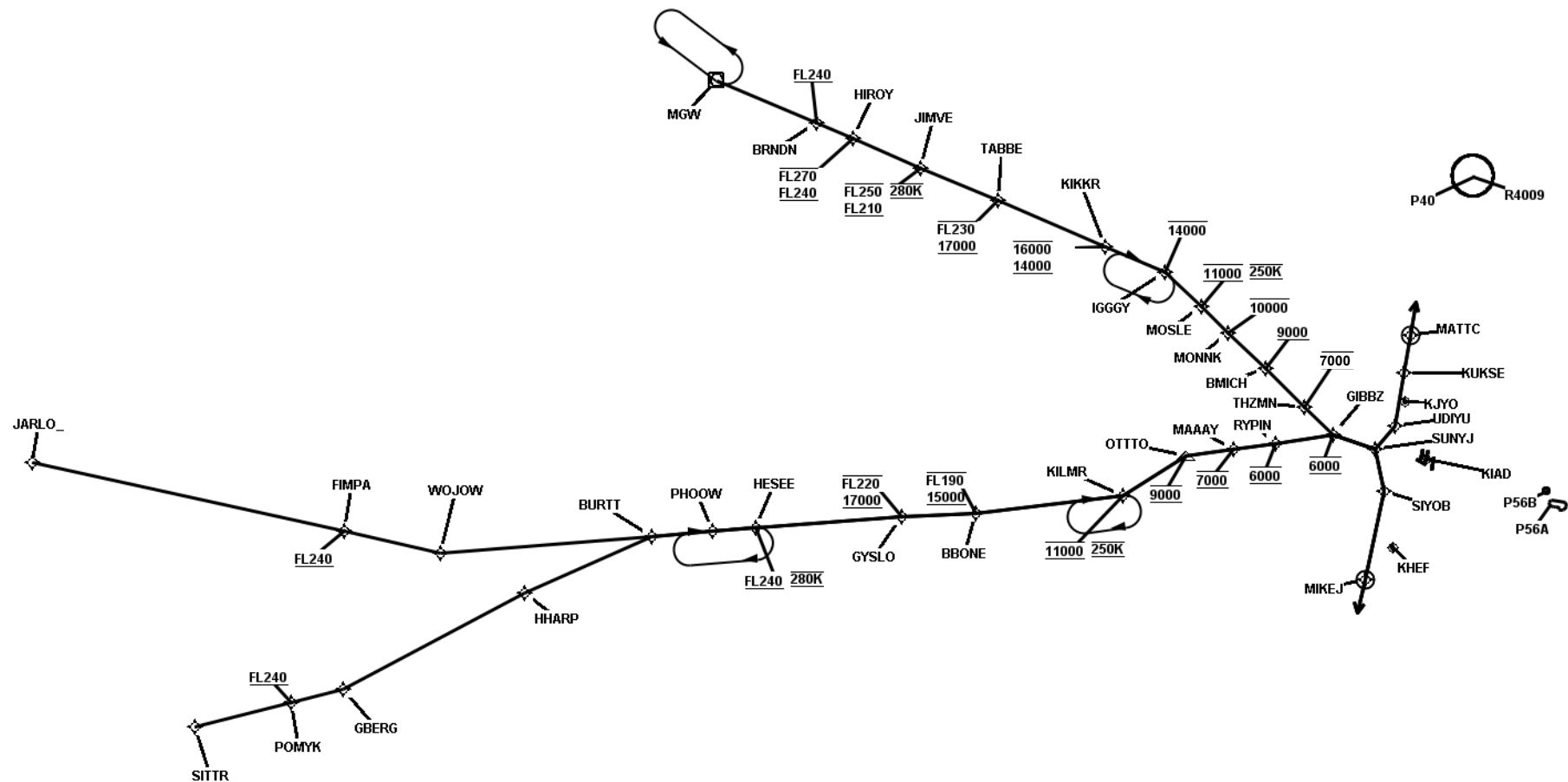
REASONS:

- 1-2. IAW 8260.19I.
- 3-5. REPLACED HVQ AND BKW (VOR MON) WITH NEW WAYPOINTS AND RENAMED TRANSITIONS.
- 6-14. ATC REQUEST, INCREASED EFFICIENCY AND MORE EFFECTIVE FLOW INTO TERMINAL AREA.
- 15-18. DELETED RWY 12 FROM PLAN VIEW NOTES PER ATC REQUEST.
- 19-26. IMPROVE DME/DME CAPABILITY.
- 27. ATC REQUEST.

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Graphic Depiction 1					



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STAR (DATA RECORD)

Arrival Name GIBBZ (RNAV)		Number FIVE		STAR Computer Code GIBBZ.GIBBZ5		Superseded Number FOUR		Dated 12/31/2020	Effective Date 21 MAR 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
JARLO	382058.85N / 0814611.68W	Y		IF					JARLO.GIBBZ5
FIMPA	381854.82N / 0804600.78W	Y	FB	TF	092.19	47.40	AT/ABOVE FL240		
WOJOW	381811.02N / 0802734.23W	Y	FB	TF	092.78	14.53			
BURTT	382602.29N / 0794852.75W	Y	FB	TF	075.34	31.42			
PHOOW	382818.90N / 0793739.75W	Y	FB	TF	075.47	09.10			
HESEE	382956.75N / 0792942.95W	Y	FB	TF	075.33	06.45	AT/ABOVE FL240	AT 280K	
GYSLO	383512.70N / 0790302.97W	Y	FB	TF	075.75	21.57	17000BFL220		
BBONE	383730.12N / 0784925.81W	Y	FB	TF	077.83	10.92	15000BFL190		
KILMR	384351.73N / 0782235.12W	Y	FB	TF	073.04	21.96	AT 11000	AT 250K	
OTTTO	385115.81N / 0781220.01W	Y	FB	TF	047.26	10.90	AT 9000		
MAAAY	385325.79N / 0780342.91W	Y	FB	TF	072.13	07.07	AT 7000		
RYPIN	385519.80N / 0775606.82W	Y	FB	TF	072.22	06.23	AT 6000		
GIBBZ	385756.87N / 0774534.53W	Y	FB	TF	072.30	08.63	AT 6000		
En Route Transition									
MGW VOR/DME	393324.17N / 0795137.48W	Y		IF					MGW.GIBBZ5
BRNDN	392949.82N / 0793148.83W	Y	FB	TF	103.00	15.74	AT/ABOVE FL240		
HIROY	392831.23N / 0792431.89W	Y	FB	TF	103.03	05.79	FL240BFL270		
JIMVE	392602.16N / 0791103.33W	Y	FB	TF	103.31	10.73	FL210BFL250	AT 280K	
TABBE	392319.14N / 0785535.61W	Y	FB	TF	102.68	12.29	17000BFL230		
KIKKR	391925.99N / 0783403.12W	Y	FB	TF	102.97	17.15	14000B16000		
IGGGY	391717.68N / 0782211.30W	Y	FB	TF	103.00	09.45	AT/BELOW 14000		
MOSLE	391308.41N / 0781415.89W	Y	FB	TF	123.95	07.42	AT 11000	AT 250K	
MONNK	391003.12N / 0780824.01W	Y	FB	TF	124.05	05.51	AT/BELOW 10000		
BMICH	390550.40N / 0780025.29W	Y	FB	TF	124.09	07.50	AT/ABOVE 9000		
THZMN	390119.85N / 0775156.05W	Y	FB	TF	124.23	08.00	AT 7000		
GIBBZ	385756.87N / 0774534.53W	Y	FB	TF	124.25	06.00	AT 6000		



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
SITTR	374649.13N / 0810723.70W	Y		IF					SITTR.GIBBZ5
POMYK	375250.94N / 0805020.64W	Y	FB	TF	065.88	14.79	AT/ABOVE FL240		
GBERG	375609.23N / 0804105.28W	Y	FB	TF	065.69	08.03			
HHARP	381440.21N / 0801030.28W	Y	FB	TF	052.39	30.41			
BURTT	382602.29N / 0794852.75W	Y	FB	TF	056.17	20.46			
PHOOW	382818.90N / 0793739.75W	Y	FB	TF	075.47	09.10			
HESEE	382956.75N / 0792942.95W	Y	FB	TF	075.33	06.45	AT/ABOVE FL240	AT 280K	
GYSLO	383512.70N / 0790302.97W	Y	FB	TF	075.75	21.57	17000BFL220		
BBONE	383730.12N / 0784925.81W	Y	FB	TF	077.83	10.92	15000BFL190		
KILMR	384351.73N / 0782235.12W	Y	FB	TF	073.04	21.96	AT 11000	AT 250K	
OTTTO	385115.81N / 0781220.01W	Y	FB	TF	047.26	10.90	AT 9000		
MAAAY	385325.79N / 0780342.91W	Y	FB	TF	072.13	07.07	AT 7000		
RYPIN	385519.80N / 0775606.82W	Y	FB	TF	072.22	06.23	AT 6000		
GIBBZ	385756.87N / 0774534.53W	Y	FB	TF	072.30	08.63	AT 6000		
Common Route									
GIBBZ	385756.87N / 0774534.53W	Y		IF			AT 6000		GIBBZ.GIBBZ5
SUNYJ	385704.95N / 0773723.90W	Y	FB	TF	097.68	06.44			
SIYOB	385112.51N / 0773422.90W	Y	FB	TF	158.12	06.32			
MIKEJ	383757.45N / 0773500.92W	Y	FO	TF	182.15	13.25			
KHEF				FM	182.15				
Common Route									
GIBBZ	385756.87N / 0774534.53W	Y		IF			AT 6000		GIBBZ.GIBBZ5
SUNYJ	385704.95N / 0773723.90W	Y	FB	TF	097.68	06.44			
UDIYU	390048.21N / 0773428.45W	Y	FB	TF	031.51	04.36			
KUKSE	390850.86N / 0773428.65W	Y	FB	TF	359.98	08.04			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MATTC	391422.75N / 0773431.88W	Y	FO	TF	359.57	05.53			
KJYO				FM	359.57				
Runway Transition									
GIBBZ	385756.87N / 0774534.53W	Y		IF			AT 6000		
SUNYJ	385704.95N / 0773723.90W	Y	FB	TF	097.68	06.44			
SIYOB	385112.51N / 0773422.90W	Y	FB	TF	158.12	06.32			
MIKEJ	383757.45N / 0773500.92W	Y	FO	TF	182.15	13.25			
KIAD:RWY 1C,RWY 1L,RWY 1R				FM	182.15				
Runway Transition									
GIBBZ	385756.87N / 0774534.53W	Y		IF			AT 6000		
SUNYJ	385704.95N / 0773723.90W	Y	FB	TF	097.68	06.44			
UDIYU	390048.21N / 0773428.45W	Y	FB	TF	031.51	04.36			
KUKSE	390850.86N / 0773428.65W	Y	FB	TF	359.98	08.04			
MATTC	391422.75N / 0773431.88W	Y	FO	TF	359.57	05.53			
KIAD:RWY 19C,RWY 19L,RWY 19R				FM	359.57				
Runway Transition									
GIBBZ	385756.87N / 0774534.53W	Y		IF			AT 6000		
SUNYJ	385704.95N / 0773723.90W	Y	FB	TF	097.68	06.44			
SIYOB	385112.51N / 0773422.90W	Y	FB	TF	158.12	06.32			
MIKEJ	383757.45N / 0773500.92W	Y	FO	TF	182.15	13.25			
KIAD:RWY 30				FM	182.15				

