

## DME DME Assessment Results for Q190 path CRL\_PONCT

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Downloads\Q190_20250214 DME-DME.tgs
Output File:	C:\Users\Miles CTR Carpenter\OneDrive - Federal Aviation Administration\Desktop\03.19.2026 PUB DATE PROCEDURES\Q190 (24-ASO-34)\Q190 20250224_1349 EST\CRL_PONCT\Q190 RNAV ROUTE CRL PONCT 20250224_1349 EST.pdf
Procedure Name:	Q190
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/24/2025 13:49 EST
Databases:	DTED3

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
CRL	WP	N42° 02' 52.90", W083° 27' 27.26"	18000	VNAV	240	FLY_BY	TF
WIGGZ	WP	N41° 30' 51.00", W077° 58' 52.00"	18000	VNAV	240	FLY_BY	TF
RAHKS	WP	N42° 27' 59.28", W075° 14' 21.68"	18000	VNAV	240	FLY_BY	TF
PONCT	WP	N42° 44' 48.83", W073° 48' 48.07"	18000	VNAV	240	FLY_BY	TF

### Flyability

Flight Type:	RNAV_ROUTE
Selected Airport:	
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for Q190 path CRL\_PONCT

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Not included
Terminal DMEs:	Not included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

**DME DME Assessment Results for Q190 path CRL\_PONCT**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	JXN	N42° 15' 33.26", W084° 27' 30.78"	0.0 E	130	DH		NO	Enabled	18.8 %	18.8 %
2	HNK	N42° 03' 47.01", W075° 18' 58.62"	11.0 W	130	H		NO	Enabled	39.1 %	39.1 %
3	SAX	N41° 04' 03.15", W074° 32' 17.91"	11.0 W	130	H		NO	Enabled	19.1 %	19.1 %
4	FNT	N42° 58' 00.36", W083° 44' 49.16"	6.0 W	130	H		NO	Enabled	14.2 %	14.2 %
5	EWC	N40° 49' 29.76", W080° 12' 41.56"	8.0 W	130	H		NO	Enabled	35.8 %	35.8 %
6	BUF	N42° 55' 44.37", W078° 38' 46.86"	0.0 E	130	DH		NO	Enabled	54.5 %	54.5 %
7	ELZ	N42° 05' 22.74", W077° 59' 58.38"	0.0 E	130	DH		NO	Enabled	56.7 %	56.7 %
8	MPV	N44° 05' 07.72", W072° 26' 57.71"	16.0 W	130	DH		NO	Enabled	7.6 %	7.6 %
9	ORW	N41° 33' 23.05", W071° 59' 57.67"	14.0 W	130	DH		NO	Enabled	6.7 %	6.7 %
10	ZZV	N39° 56' 27.09", W081° 53' 33.37"	0.0 E	130	DH		NO	Enabled	19.9 %	19.9 %
11	JHW	N42° 11' 18.99", W079° 07' 16.71"	7.0 W	130	H		NO	Enabled	44.7 %	44.7 %
12	SLT	N41° 30' 45.93", W077° 58' 12.40"	8.0 W	130	H		NO	Enabled	43.3 %	43.3 %
13	PSB	N40° 54' 58.53", W077° 59' 33.78"	10.0 W	130	H		NO	Enabled	36.6 %	36.6 %
14	MBS	N43° 31' 53.93", W084° 04' 38.29"	3.0 W	130	DH		NO	Enabled	13 %	13 %
15	HUO	N41° 24' 34.87", W074° 35' 29.74"	11.0 W	130	H		NO	Enabled	29.5 %	29.5 %
16	BSV	N40° 44' 26.54", W081° 25' 55.62"	4.0 W	130	DL		NO	Enabled	46.4 %	46.4 %
17	DKK	N42° 29' 25.44", W079° 16' 26.77"	0.0 E	130	DH		NO	Enabled	57.8 %	57.8 %
18	BOS	N42° 21' 26.82", W070° 59' 22.37"	16.0 W	130	DH		NO	Enabled	0.3 %	0.3 %
19	ECK	N43° 15' 21.19", W082° 43' 04.55"	7.0 W	130	H		NO	Enabled	19.2 %	19.2 %
20	SYR	N43° 09' 37.87", W076° 12' 16.41"	11.0 W	130	H		NO	Enabled	34.7 %	34.7 %
21	EEN	N42° 47' 39.40", W072° 17' 30.40"	0.0 E	130	H		NO	Enabled	7.3 %	7.3 %
22	ETG	N41° 12' 53.82", W078° 08' 33.92"	10.0 W	130	H		NO	Enabled	41.5 %	41.5 %
23	DXO	N42° 12' 47.29", W083° 21' 59.99"	6.0 W	130	H		NO	Enabled	22.8 %	22.8 %
24	CXR	N41° 31' 00.94", W081° 09' 47.47"	5.0 W	130	DH		NO	Enabled	52.2 %	52.2 %
25	CRL	N42° 02' 52.90", W083° 27' 27.26"	3.0 W	130	DH		NO	Enabled	28.4 %	28.4 %
26	DJB	N41° 21' 29.03", W082° 09' 43.09"	5.0 W	130	DH		NO	Enabled	22.6 %	22.6 %
27	PVD	N41° 43' 27.64", W071° 25' 46.70"	14.0 W	130	DH		NO	Enabled	1.5 %	1.5 %

**DME DME Assessment Results for Q190 path CRL\_PONCT**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	JXN	DXO	ECK	FNT	CXR	MBS
58.4	ECK	CRL	BSV	DXO	ZZV	JXN
84.2	BSV	CRL	DXO	DKK	CXR	ZZV
102.4	JHW	CXR	BSV	CRL	EWC	DKK
130.4	EWC	JHW	CXR	DJB	DKK	ELZ
186.7	SLT	DKK	JHW	ETG	EWC	PSB
234.5	ELZ	SLT	JHW	ETG	PSB	BUF
237.7	SLT	ETG	PSB	BUF	JHW	
245.4	JHW	ETG	DKK	PSB	BUF	
298.1	ELZ	SYR	PSB	BUF	ETG	SLT
325.2	HNK	SYR	ELZ	HUO	SLT	BUF
348.4	ELZ	SYR	HNK	SAX	BUF	HUO
349.7	ELZ	SYR	HNK	SAX	HUO	
388.2	HNK	SYR	HUO	SAX		
414.6	HNK	SYR	HUO	SAX	MPV	
427.8	HUO	SYR	EEN	HNK	ORW	MPV
436.9	HUO	EEN	HNK	ORW	MPV	

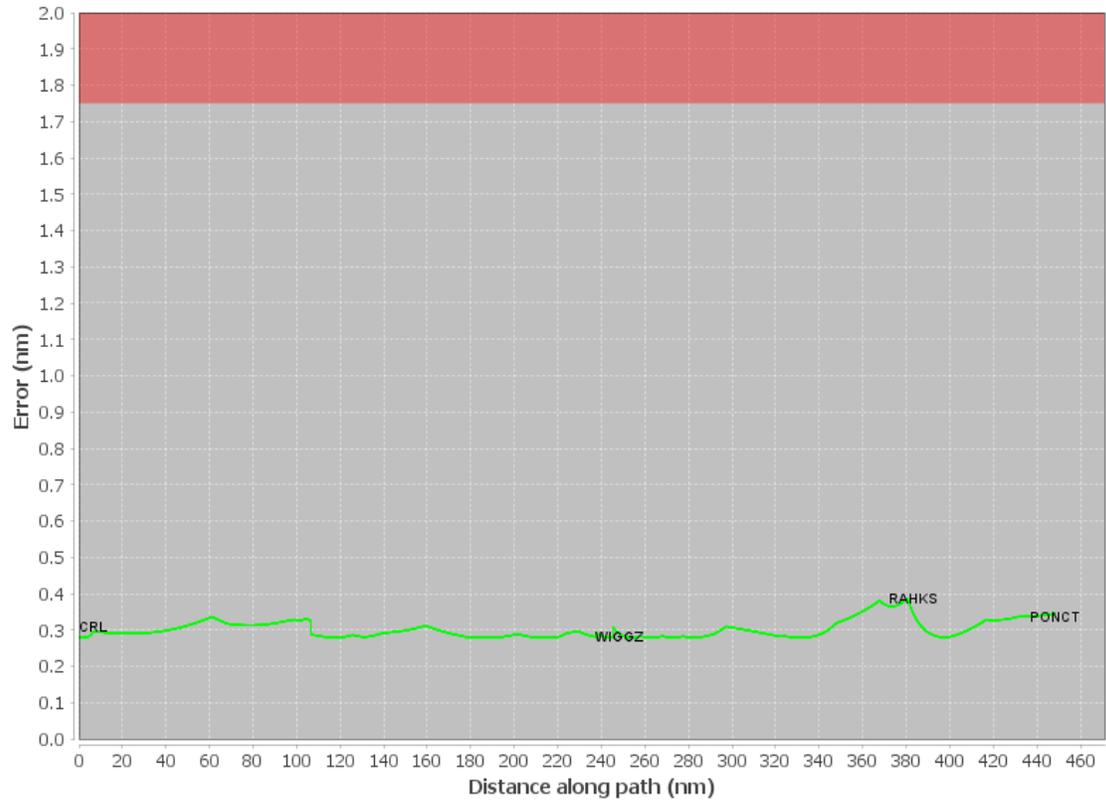
<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
CRL	WIGGZ	JXN, BSV, DKK, ECK, FNT, EWC, BUF, ELZ, ZZV, JHW, ETG, DXO, SLT, CXR, CRL, DJB, PSB, MBS	
WIGGZ	RAHKS	BUF, ELZ, HUO, HNK, DKK, JHW, ETG, SLT, SAX, SYR, PSB	
RAHKS	PONCT	ELZ, MPV, HUO, HNK, ORW, BOS, SAX, SYR, EEN, PVD	

<b>User Data Files</b>								
<b>#</b>	<b>File Name</b>							
	None							
<b>User DMEs</b>								
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Elevation [ft]</b>	<b>Frequency</b>	<b>Replaces</b>	<b>Status</b>
	None							

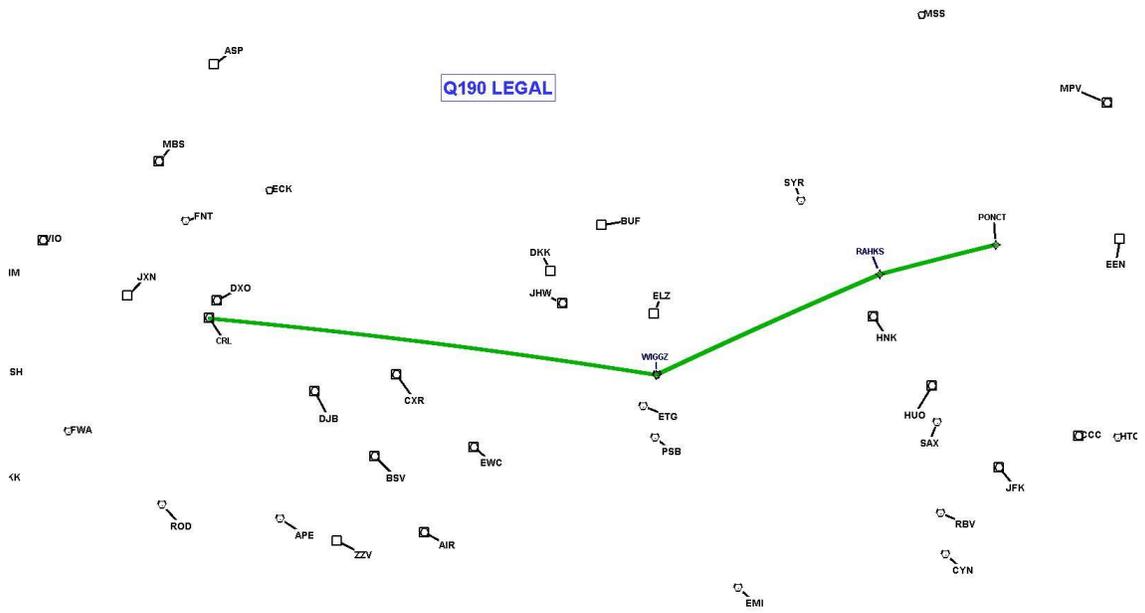
# DME DME Assessment Results for Q190 path CRL\_PONCT

## DME Error



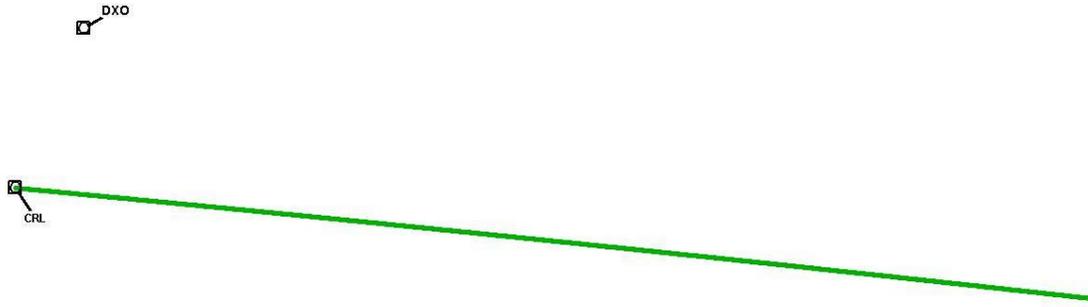
# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 1



# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 2



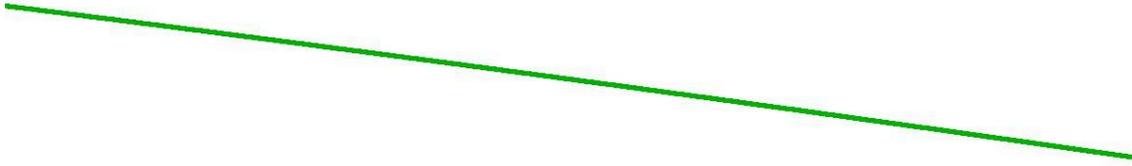
# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 3



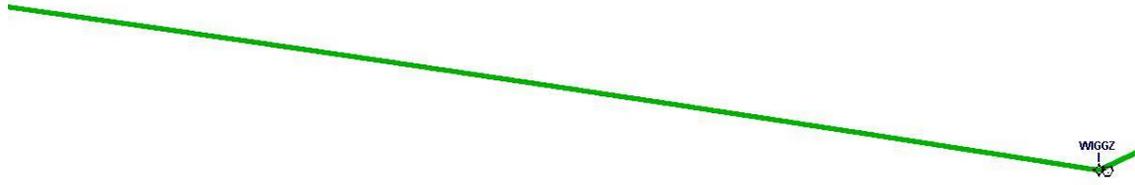
# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 4



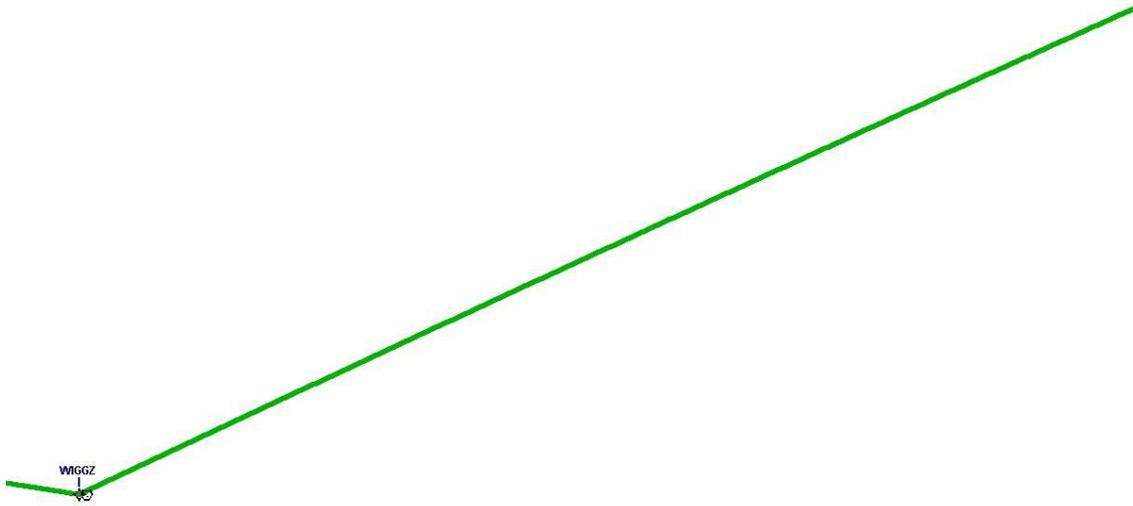
# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 5



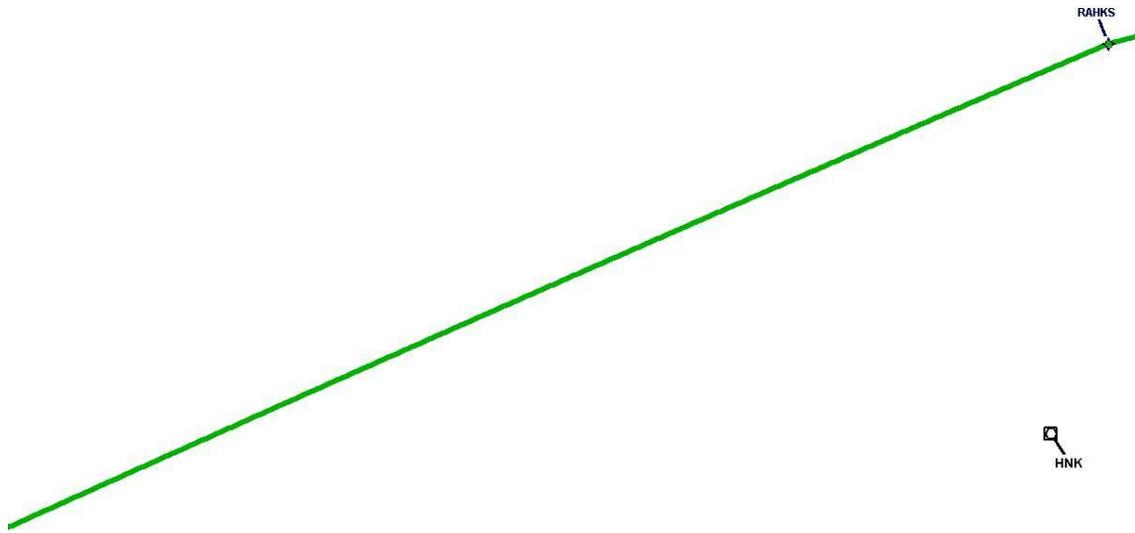
# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 6



# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 7



# DME DME Assessment Results for Q190 path CRL\_PONCT

Graphic Depiction 8

