

# MS21

Lester Field

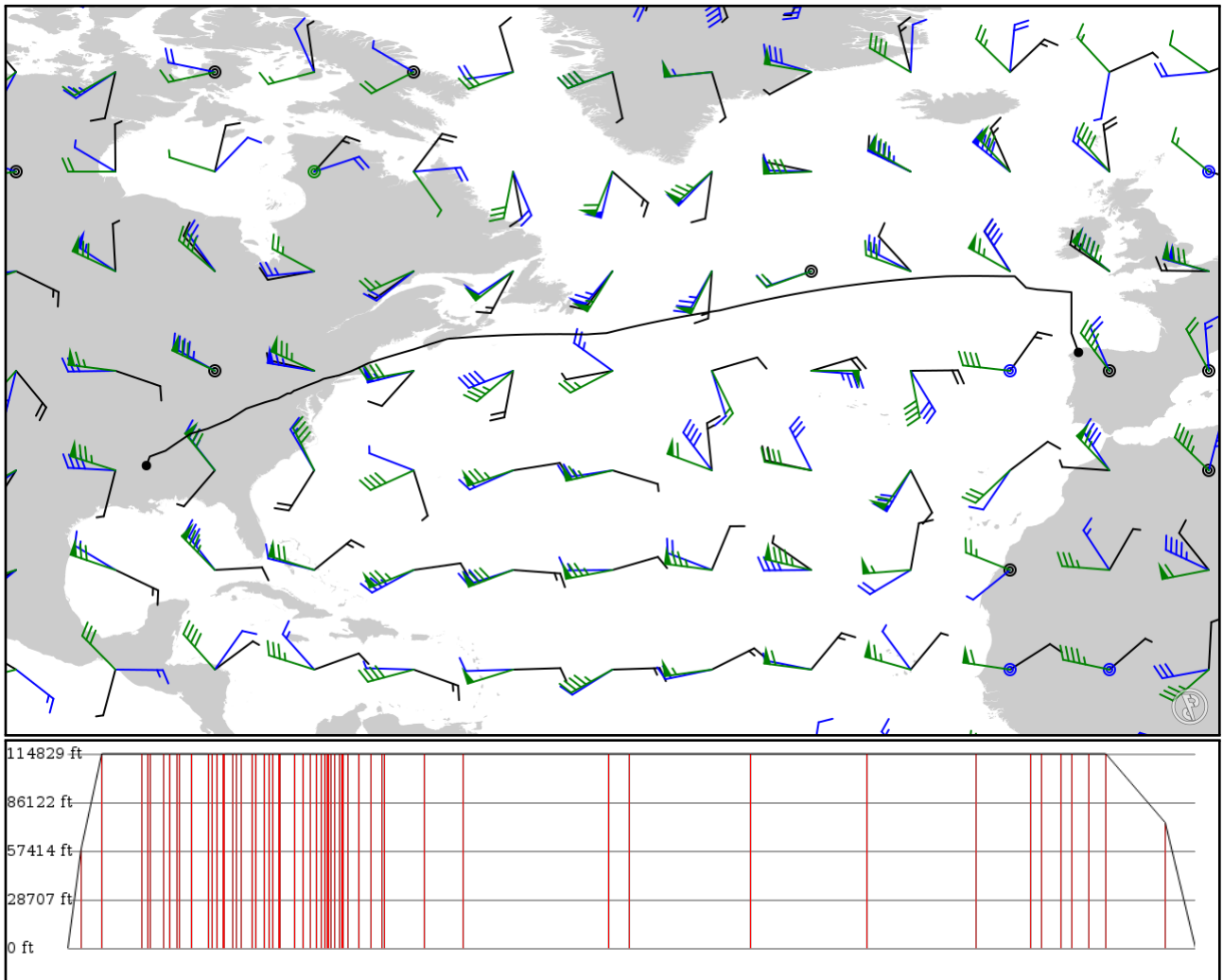
# LECO

A Coruña

2024/05/04 2124Z

MS21 GAGLE Q32 BNA V140 AZQ V115 HVQ V4 ESL V377 SCAPE BEETS Q480 HOTE E Q42 SPOTZ Q480 CANDR J60  
SAX V39 VOLLU V374 CMK V3 HFD J42 BOS J575 TUSKY N117B SCOTS N55A RAFIN Y ATSUR NASBA OMOKO TAMEL  
LASNO T9 BEGAS LECO

4054.06 nm / 7508.11 km



## Notes

Using NAT tracks from 12/1/2023

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes

- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
MS21	-	33.33210	0 ft	-	Lester Field
APT	-	-90.58200	0 m		
GAGLE	-	34.13330	17,900 ft	50	-
FIX	-	-90.28330	5,456 m		
CRAMM	Q32	34.63640	35,000 ft	74	-
FIX	AWY-HI	-88.89860	10,668 m		
BNA	Q32	36.13700	35,000 ft	140	NASHVILLE
VOR	AWY-HI	-86.68480	10,668 m		
LENON	V140	36.28260	35,000 ft	25	-
FIX	AWY-LO	-86.19950	10,668 m		
HETAP	V140	36.31640	35,000 ft	5	-
FIX	AWY-LO	-86.08590	10,668 m		
HARME	V140	36.32930	35,000 ft	2	-
FIX	AWY-LO	-86.04250	10,668 m		
LVT	V140	36.58450	35,000 ft	45	LIVINGSTON
VOR	AWY-LO	-85.16660	10,668 m		
WNSOR	V140	36.76090	35,000 ft	22	-
FIX	AWY-LO	-84.75520	10,668 m		
ESONE	V140	36.96400	35,000 ft	26	-
FIX	AWY-LO	-84.27530	10,668 m		
LOZ	V140	37.03310	35,000 ft	8	LONDON
VOR	AWY-LO	-84.11010	10,668 m		
AZQ	V140	37.39130	35,000 ft	45	HAZARD
VOR	AWY-LO	-83.26300	10,668 m		
CELLI	V115	38.02830	35,000 ft	60	-
FIX	AWY-LO	-82.27830	10,668 m		
WHIRL	V115	38.15860	35,000 ft	12	-
FIX	AWY-LO	-82.07330	10,668 m		
HVQ	V115	38.34970	35,000 ft	18	CHARLESTON
VOR	AWY-LO	-81.76990	10,668 m		
CAMMA	V4	38.49050	35,000 ft	20	-
FIX	AWY-LO	-81.36210	10,668 m		
ITALY	V4	38.53370	35,000 ft	6	-
FIX	AWY-LO	-81.23600	10,668 m		
FILES	V4	38.72700	35,000 ft	29	-
FIX	AWY-LO	-80.66460	10,668 m		
REACH	V4	38.81620	35,000 ft	13	-
FIX	AWY-LO	-80.39680	10,668 m		
EKN	V4	38.91440	35,000 ft	15	ELKINS
VOR	AWY-LO	-80.09930	10,668 m		
OMIYO	V4	39.14190	35,000 ft	40	-
FIX	AWY-LO	-79.29250	10,668 m		
ESL	V4	39.22550	35,000 ft	14	KESSEL
VOR	AWY-LO	-78.98950	10,668 m		
ELGEE	V377	39.51350	35,000 ft	30	-
FIX	AWY-LO	-78.45620	10,668 m		
TOMAC	V377	39.68410	35,000 ft	18	-
FIX	AWY-LO	-78.13600	10,668 m		
HGR	V377	39.69770	35,000 ft	12	HAGERSTOWN
VOR	AWY-LO	-77.85570	10,668 m		
SCAPE	V377	39.94490	35,000 ft	20	-
FIX	AWY-LO	-77.53680	10,668 m		
BEETS	-	39.95570	35,000 ft	4	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-77.44990	10,668 m		
HOTEE	Q480	40.34330	35,000 ft	49	-
FIX	AWY-HI	-76.49360	10,668 m		
MIKYG	Q42	40.60170	35,000 ft	34	-
FIX	AWY-HI	-75.81970	10,668 m		
SPOTZ	Q42	40.76530	35,000 ft	22	-
FIX	AWY-HI	-75.38310	10,668 m		
CANDR	Q480	40.97100	35,000 ft	22	-
FIX	AWY-HI	-74.95980	10,668 m		
SAX	J60	41.06750	35,000 ft	19	SPARTA
VOR	AWY-HI	-74.53830	10,668 m		
WANVA	V39	41.12760	35,000 ft	12	-
FIX	AWY-LO	-74.27200	10,668 m		
BREZY	V39	41.15830	35,000 ft	6	-
FIX	AWY-LO	-74.13490	10,668 m		
VOLLU	V39	41.19170	35,000 ft	7	-
FIX	AWY-LO	-73.98460	10,668 m		
MICAL	V374	41.22130	35,000 ft	6	-
FIX	AWY-LO	-73.85030	10,668 m		
CMK	V374	41.28010	35,000 ft	12	CARMEL
VOR	AWY-LO	-73.58130	10,668 m		
RACEY	V3	41.41690	35,000 ft	19	-
FIX	AWY-LO	-73.19390	10,668 m		
SORRY	V3	41.47860	35,000 ft	8	-
FIX	AWY-LO	-73.01740	10,668 m		
YALER	V3	41.51570	35,000 ft	5	-
FIX	AWY-LO	-72.91090	10,668 m		
HFD	V3	41.64110	35,000 ft	17	HARTFORD
VOR	AWY-LO	-72.54740	10,668 m		
PUT	J42	41.95550	35,000 ft	36	PUTNAM
VOR	AWY-HI	-71.84410	10,668 m		
BOS	J42	42.35740	35,000 ft	45	BOSTON
VOR	AWY-HI	-70.98950	10,668 m		
SCUPP	J575	42.60310	35,000 ft	36	-
FIX	AWY-HI	-70.23040	10,668 m		
CANAL	J575	42.66900	35,000 ft	9	-
FIX	AWY-HI	-70.02270	10,668 m		
TUSKY	J575	43.56500	35,000 ft	143	-
FIX	AWY-HI	-67.00000	10,668 m		
SCOTS	N117B	44.50000	35,000 ft	141	-
FIX	AWY-HI	-64.00000	10,668 m		
RAFIN	N55A	44.88330	35,000 ft	520	-
FIX	AWY-HI	-51.80470	10,668 m		
45/50	Y	45.00000	35,000 ft	77	-
LATLON	NAT	-50.00000	10,668 m		
47/40	Y	47.00000	35,000 ft	433	-
LATLON	NAT	-40.00000	10,668 m		
49/30	Y	49.00000	35,000 ft	419	-
LATLON	NAT	-30.00000	10,668 m		
50/20	Y	50.00000	35,000 ft	394	-
LATLON	NAT	-20.00000	10,668 m		
SOMAX	Y	50.00000	35,000 ft	192	-
FIX	NAT	-15.00000	10,668 m		
ATSUR	Y	50.00000	35,000 ft	38	-
FIX	NAT	-14.00000	10,668 m		
NASBA	-	49.00000	35,000 ft	71	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-13.00000	10,668 m		
OMOKO	-	48.83890	35,000 ft	40	-
FIX	-	-12.00000	10,668 m		
TAMEL	-	48.72860	35,000 ft	59	-
FIX	-	-10.49720	10,668 m		
LASNO	-	48.59830	35,000 ft	59	-
FIX	-	-9.00000	10,668 m		
BEGAS	T9	45.00000	22,600 ft	216	-
FIX	AWY-HI	-9.00000	6,888 m		
LECO	-	43.30070	0 ft	105	A Coruña
APT	-	-8.37835	0 m		

## LECO

Region: SPAIN  
Timezone: EUROPE/MADRID  
Runways: 1

Elevation: 330 ft / 101 m  
Location: 43.300700 -8.378350  
Magnetic Var: 1.538 W

## METAR

LECO 042100Z 18005KT 120V230 9999 SCT025 BKN035 15/11 Q1013 NOSIG

## TAF

TAF LECO 042000Z 0421/0521 21009KT 9999 BKN020 TX15/0514Z TN10/0521Z PROB40 TEMPO 0421/0510 3000 RA BKN010 TEMPO 0

## Frequencies

GND - 121.70 MHz - A CORUNA GROUND  
APP - 120.20 MHz - SANTIAGO APPROACH

TWR - 118.30 MHz - A CORUNA TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	148 ft	7,671 ft	30.83	ASPHALT	0 ft	95 ft
	45 m	2,338 m	32.37		0 m	29 m
21	148 ft	7,671 ft	210.84	ASPHALT	482 ft	203 ft
	45 m	2,338 m	212.38		147 m	62 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
21	DME	LCO	109.90 MHz	18 nm	-	-	293 ft
				33 km	-		293 m
21	LOC-ILS	LCO	109.90 MHz	18 nm	210.84	-	330 ft
				33 km	212.38		330 m
21	GS	LCO	109.90 MHz	10 nm	210.84	3.00	330 ft
				19 km	212.38		330 m