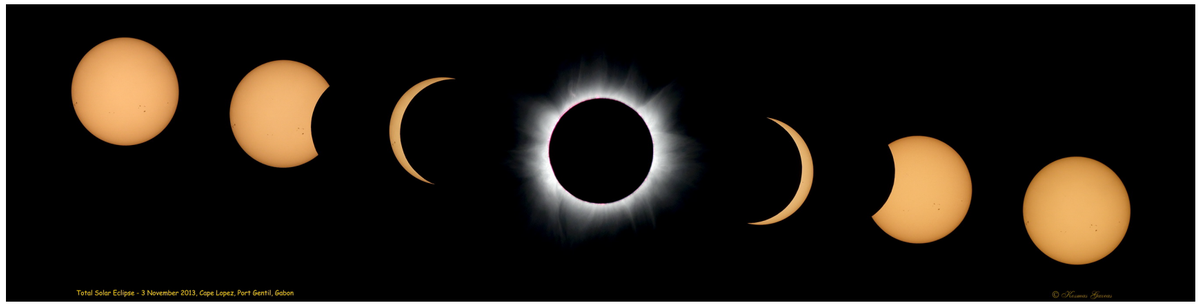


UMBRACEPT DENMARK/FAROES 2015 MARCH 20

— WITH GROUND OPTION IN CASE FAROES WEATHER IS GOOD —

— SUPERSEDES EARLIER ABERDEEN, SCOTLAND ERJ-145 PLAN —

Join our flight in an MD-83 jetliner from Billund, Denmark to Vágar, Faroe Islands airport, then airborne total solar eclipse observation run, then back to Billund! If Faroes weather is favorable you'll have the option to stay on the ground at Vágar while the aircraft flies for the eclipse then returns to Vágar, then back to Billund.

Airborne observation will be estimated 3 minutes 30 to 40 seconds in the moon's shadow at 35,000+ feet altitude at 430+ knots – view will be out the right-side windows with sun at a very comfortable elevation of 18+ degrees.

Or if you choose ground observation, duration will be 2 minutes 10+ seconds.

This supersedes our earlier plan to fly out of Aberdeen, Scotland with two ERJ-145 regional jets as now everyone will be able to fly on one single aircraft. In fact had we known about this MD-83 earlier it would have been our first choice all along!

We'll depart Billund (BLL) ~ 5:00am to arrive Vágar (FAE) ~ 6:15am sunrise (one hour time difference east-to-west), then take off at 8:55am for the eclipse flight. Then after totality aloft projected to be ~ 9:39:45-9:43:15 UT, we'll either:

(a) return to FAE arriving ~ 10:30am if indeed some participants have remained on the ground in the Faroes, then depart FAE ~ 11:30am to arrive back at Billund ~ 2:45pm (one hour time difference west-to-east), or otherwise

(b) bypass FAE after totality and return directly to Billund arriving ~ 1:00pm.

Even if weather at FAE is perfect, aircraft will still fly for totality.

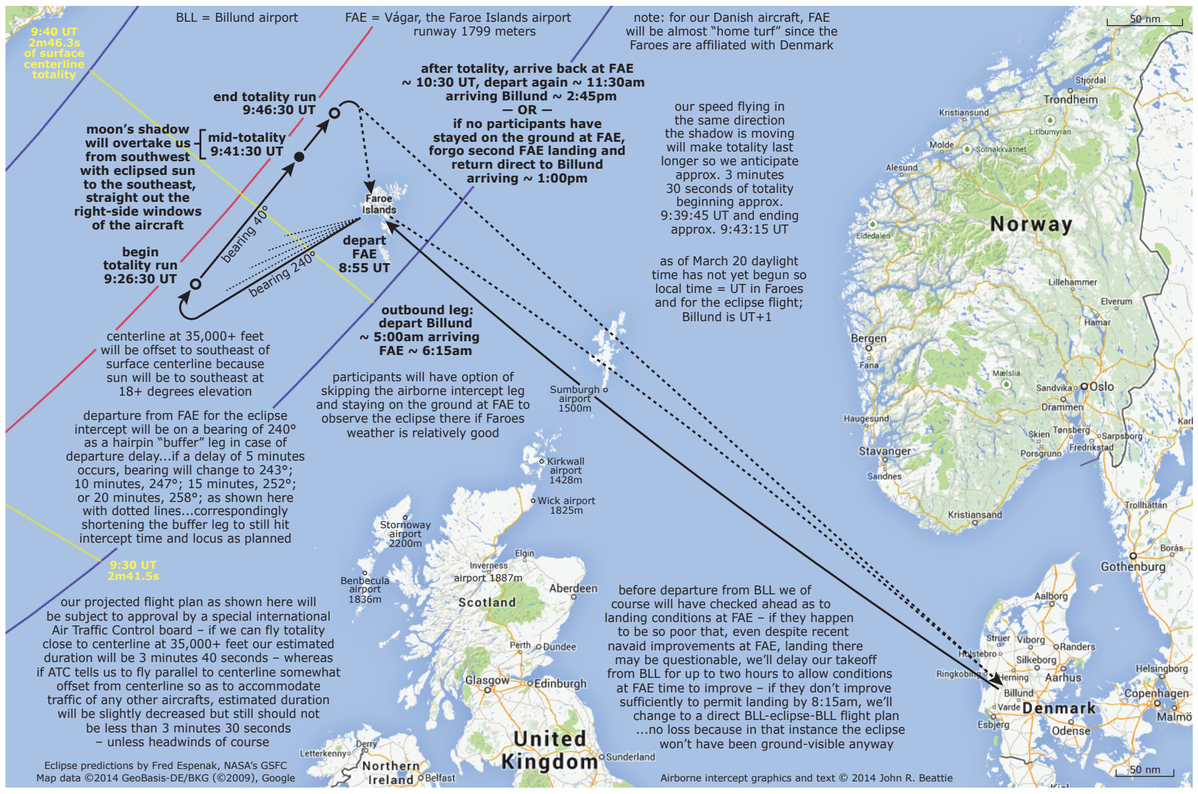
We're very fond of the MD-83 because it has 51 right-side windows...and they're very nice windows as you can see here... whereas each ERJ-145 only had 16 windows on the right side. It means we can offer everyone a window or windows that are equivalent or somewhat better than what they would have had on the ERJ-145, plus some new upgrade options – see following.

Also we like the fact that the Faroe Islands are affiliated with Denmark, so for our Danish aircraft, crewmembers, and flightplanners FAE will be quasi-"home turf".

Also we like the fact that the Faroese have recently lengthened the runway from 1250 meters to 1799 meters, are building a new terminal which is scheduled for completion by late 2014, and have been upgrading their navigational systems to state-of-the-art which will help ensure our charter flight can get in and out routinely on eclipse morning even in case of – not uncommon in the Faroes – inclement weather.

© John R. Beattie
last update 2014 September 17

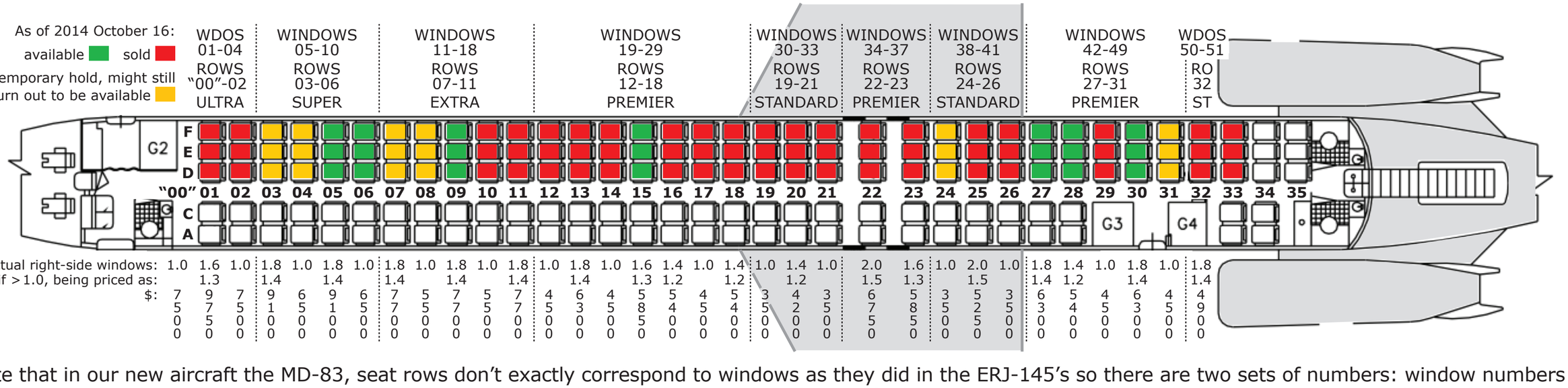
See ERJ-145, top, and MD-83 above at same scale...16 windows vs. 51 windows!



Good weather at Vágar is unlikely but it *could happen* – like El Calafate 2010 and Cape Lopez 2013! The flight plan we're proposing to ATC will give you until about 8:30am to decide whether to stay on the ground or fly. For instance, here's what Vágar airport looked like 2014 February 18 Tuesday at 9:41am "mid-totality time":

OY-RUE
DAT
LARK
www.dat.dk

As of 2014 October 16:
available sold
on temporary hold, might still turn out to be available



| | | |

Per our request, the aircraft provider has made an interior video of the MD-83, see here the sixth item labeled 00016.MTS...

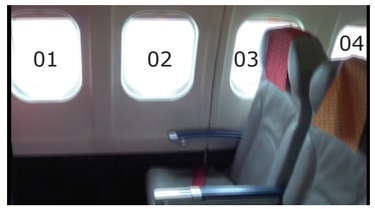
https://www.dropbox.com/sh/smcrnlffigfjj2h/AAASEsFrdJdgSsTOafTMheL2a?lst

...in which we would have preferred a straight linear walk-through instead of all the up-and-down zigzags but nevertheless this is helpful giving good views of the right-side windows and seat rows.

ULTRA PREMIER $7500 PER WINDOW

row "00"
window 01
$7500 as 1.0 windows

00016.MTS at 3:58



01F

row 01
windows 02 03
seatback 01F will be authorized to lean back all the way
$9750 rating this as 1.6 windows, pricing as 1.3

00016.MTS at 3:52

01F 02F

row 02
window 04
seatback 02F will not be authorized to lean back at all because it is already well-placed exactly in between windows 04 and 05
$7500 as 1.0 windows

SUPER PREMIER $6500 PER WINDOW

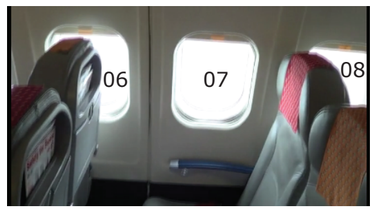
row 03
windows 05 06
seatback 03F will be authorized to lean back all the way
$9100 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 3:44

02F 03F

row 04
window 07
seatback 04F will not be authorized to lean back at all
$6500 as 1.0 windows

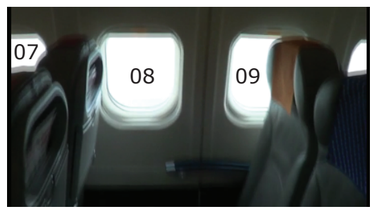
00016.MTS at 3:38



03F 04F

row 05
windows 08 09
seatback 05F will be authorized to lean back all the way
$9100 rating this as 1.8 windows, pricing as 1.4

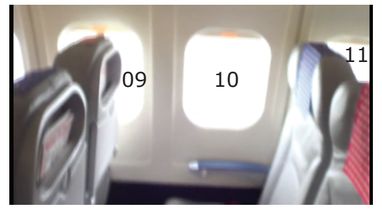
00016.MTS at 3:32



04F 05F

row 06
window 10
seatback 06F will not be authorized to lean back at all
$6500 as 1.0 windows

00016.MTS at 3:24



05F 06F

EXTRA PREMIER $5500 PER WINDOW

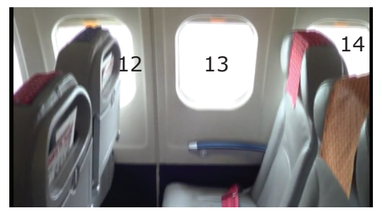
row 07
windows 11 12
seatback 07F will be authorized to lean back all the way
$7700 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 3:16

06F 07F

row 08
window 13
seatback 08F will not be authorized to lean back at all
$5500 as 1.0 windows

00016.MTS at 3:12



07F 08F

row 09
windows 14 15
seatback 09F will be authorized to lean back all the way
$7700 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 3:05

08F 09F

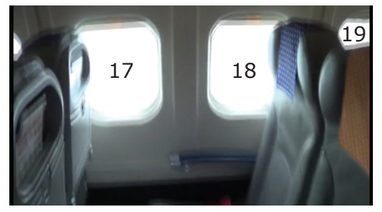
row 10
window 16
seatback 10F will not be authorized to lean back at all
$5500 as 1.0 windows

00016.MTS at 3:01

09F 10F

row 11
windows 17 18
seatback 11F will be authorized to lean most of the way back so that it is placed exactly in between windows 18 and 19, not all the way back, out of consideration for row 12
$7700 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 2:56



10F 11F

PREMIER $4500 PER WINDOW

row 12
window 19
seatback 12F will not be authorized to lean back at all
$4500 as 1.0 windows

00016.MTS at 2:48

11F 12F

row 13
windows 20 21
seatback 13F will be authorized to lean most of the way back so that it is placed exactly in between windows 21 and 22, not all the way back, out of consideration for row 14
$6300 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 2:40

12F 13F

row 14
window 22
seatback 14F will not be authorized to lean back at all
$4500 as 1.0 windows

00016.MTS at 2:34

13F 14F

row 15
windows 23 24
seatback 15F will be authorized to lean back about halfway so that it is placed exactly in between windows 24 and 25, not all the way back, out of consideration for row 16
$5850 rating this as 1.6 windows, pricing as 1.3

00016.MTS at 2:27

14F 15F

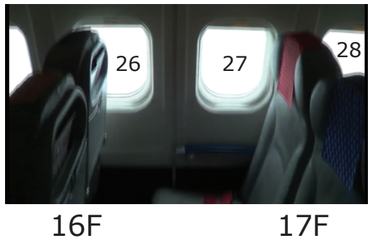
row 16
windows 25 26
seatback 16F will be authorized to lean back all the way which should open up enough space for, at least, a fine view of the approaching shadow past the not-very-large wing, and maybe of the eclipsed sun itself utilizing available "squeeze room"
$5400 rating this as 1.4 windows, pricing as 1.2

00016.MTS at 2:22

15F 16F

row 17
window 27
seatback 17F will be authorized to lean back about 2 inches so that it is placed exactly in between windows 27 and 28, not all the way back, out of consideration for row 18
$4500 as 1.0 windows

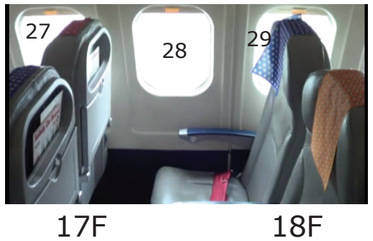
00016.MTS at 2:16



16F 17F

row 18
windows 28 29
seatback 18F will be authorized to lean back all the way which should open up enough space for, at least, a fine view of the approaching shadow, and maybe of the eclipsed sun itself utilizing available "squeeze room"
$5400 rating this as 1.4 windows, pricing as 1.2

00016.MTS at 2:10



17F 18F

STANDARD $3500 PER WINDOW

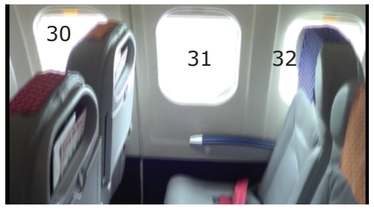
row 19
window 30
seatback 19F will be authorized to lean back 1 or 2 inches so that it is placed exactly in between windows 30 and 31, not all the way back, out of consideration for row 20
$3500 as 1.0 windows

00016.MTS at 2:03

18F 19F

row 20
windows 31 32
seatback 20F will be authorized to lean back all the way which should open up enough space for, at least, a fine view of the approaching shadow, and maybe of the eclipsed sun itself utilizing available "squeeze room"
$4200 rating this as 1.4 windows, pricing as 1.2

00016.MTS at 1:58



19F 20F

row 21
window 33
seatback 21F will be authorized to lean back about halfway so that it is placed exactly in between windows 33 and 34, not all the way back, out of consideration for row 22
$3500 as 1.0 windows

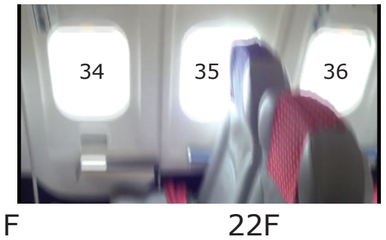
00016.MTS at 1:51

20F 21F

PREMIER $4500 PER WINDOW

row 22 – EXIT ROW SO EXTRA LEGROOM
windows 34 35
seatback 22F will be authorized to lean back all the way so this row will have two full windows
$6750 rating this as 2.0 windows, pricing as 1.5

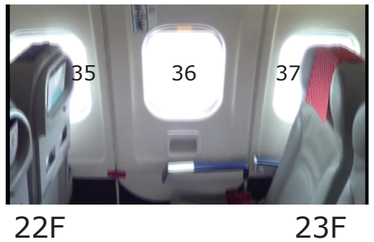
00016.MTS at 1:43



21F 22F

row 23 – EXIT ROW SO EXTRA LEGROOM
windows 36 37
seatback 23F will be authorized to lean back all the way
$5850 rating this as 1.6 windows, pricing as 1.3

00016.MTS at 1:37

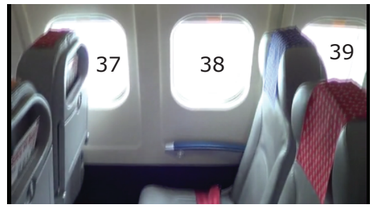


22F 23F

STANDARD $3500 PER WINDOW

row 24
window 38
seatback 24F will not be authorized to lean back at all because it is already well-placed exactly in between windows 38 and 39
$3500 as 1.0 windows

00016.MTS at 1:31



23F 24F

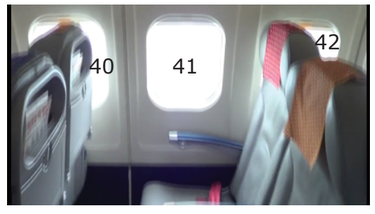
row 25
windows 39 40
seatback 25F will be authorized to lean back all the way so this row will have two full windows
$5250 rating this as 2.0 windows, pricing as 1.5

00016.MTS at 1:24

24F 25F

row 26
window 41
seatback 26F will not be authorized to lean back at all
$3500 as 1.0 windows

00016.MTS at 1:17

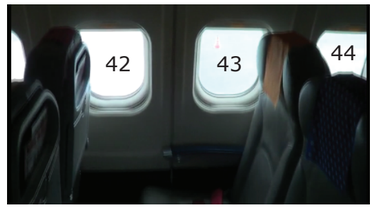


25F 26F

PREMIER $4500 PER WINDOW

row 27
windows 42 43
seatback 27F will be authorized to lean back a little more than halfway so that it is placed exactly in between windows 43 and 44, not all the way back, out of consideration for row 28
$6300 rating this as 1.8 windows, pricing as 1.4

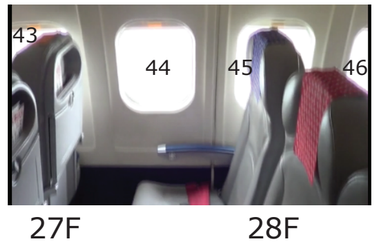
00016.MTS at 1:11



26F 27F

row 28
windows 44 45
seatback 28F will be authorized to lean back all the way which should open up enough space for, at least, a fine view of the approaching shadow, and maybe of the eclipsed sun itself utilizing available "squeeze room"
$5400 rating this as 1.4 windows, pricing as 1.2

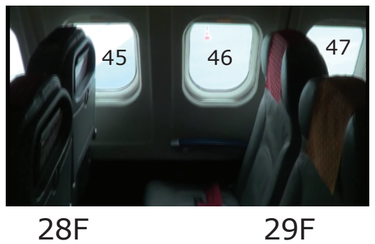
00016.MTS at 1:03



27F 28F

row 29
window 46
seatback 29F will be authorized to lean back but only 1 or 2 inches so that it is placed exactly in between windows 46 and 47, not all the way back, out of consideration for row 30
$4500 as 1.0 windows

00016.MTS at 0:56



28F 29F

row 30
windows 47 48
seatback 30F will be authorized to lean back all the way
$6300 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 0:48

29F 30F

row 31
window 49
seatback 31F will not be authorized to lean back at all
$4500 as 1.0 windows

00016.MTS at 0:39

30F 31F

STANDARD $3500 PER WINDOW

row 32
windows 50 51
seatback 32F will be authorized to lean back all the way
$4900 rating this as 1.8 windows, pricing as 1.4

00016.MTS at 0:30

31F 32F