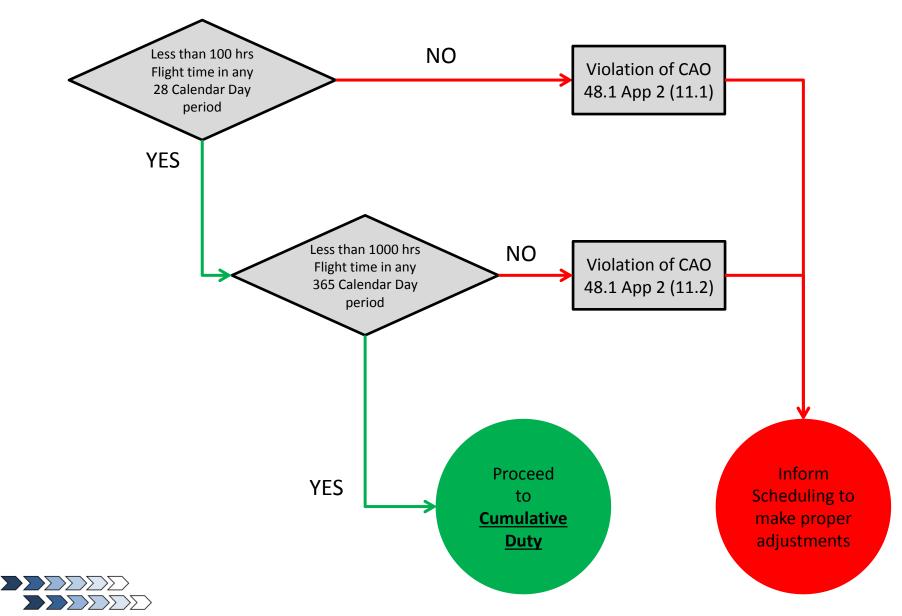
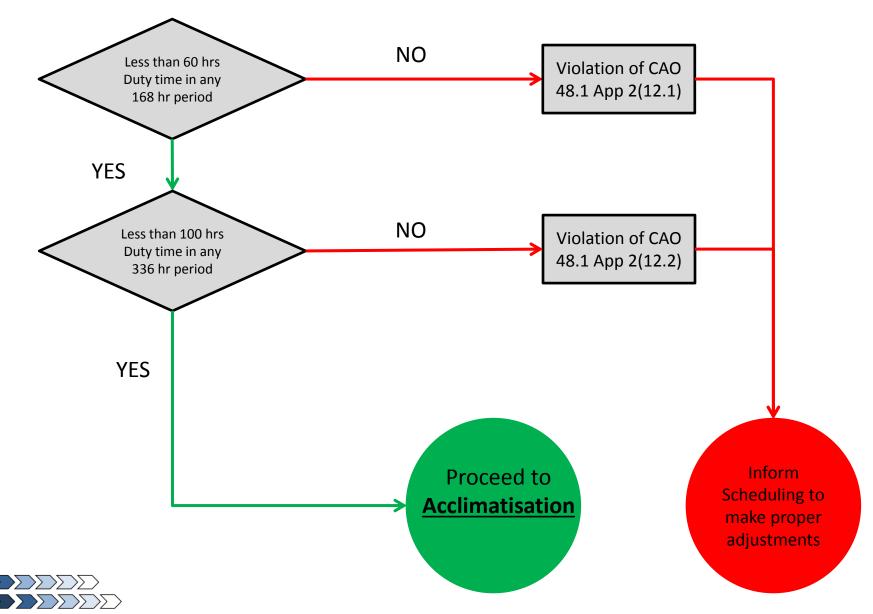
Crew member Aid for **Scheduled** Limitations Under CAO 48.1 (Complex Operations) v 1.1



Cumulative FTL Limitations

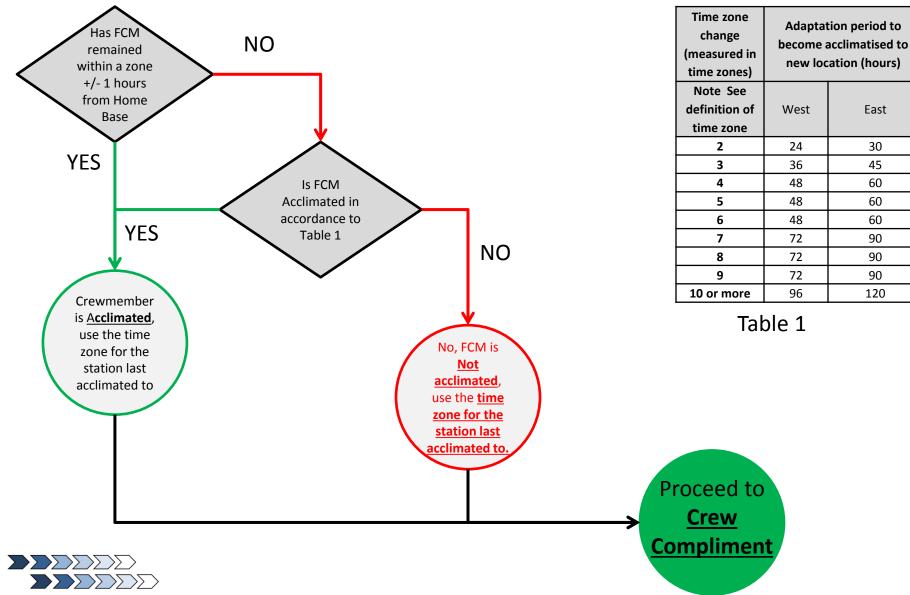


Cumulative Duty Limitations

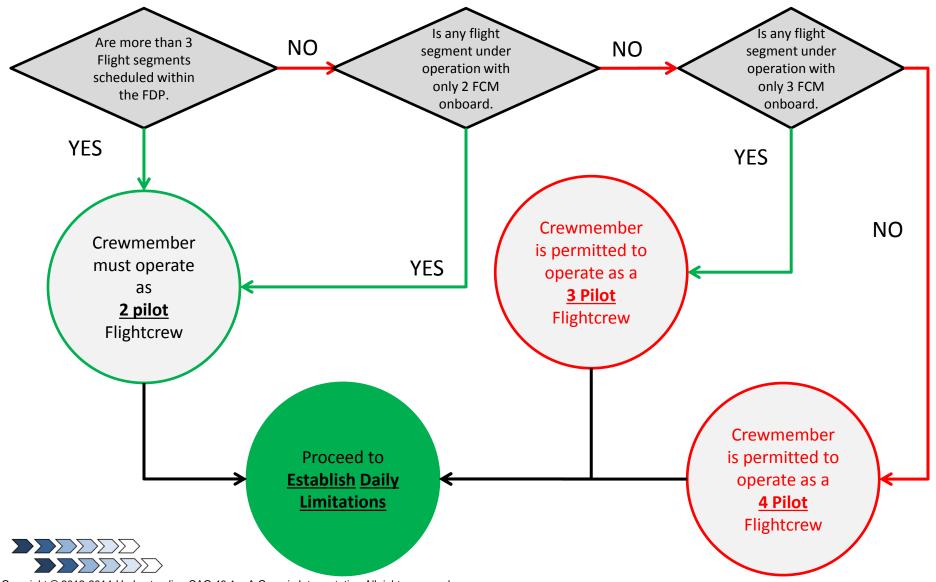


Acclimatisation

East



Crew Compliment



Establish Daily FDP and Flight Time Limitations:

	Maximum FDP											Maximum Flight time in FDP												
Acclimatised time at	2 Pilots						3 Pilots 4 Pilots				2 Pilots					3 Pilots			4 Pilots					
start of FDP	According to sectors to be flown				vn	According to In-fligh				ight rest facility			According to sectors to be flown				According to In-fl			light rest facility				
	1-2	3	4	5	6	7+	Class 1	Class 2	Class 3	Class 1	Class 2	Class 3	1-2	3	4	5	6	7+	Class 1	Class 2	Class 3	Class 1	Class 2	Class 3
0000 - 0459	10:00	9:00	9:00	8:00	8:00	8:00	14:00	12:30	11:00	15:00	13:30	11:30	8:00	8:00	8:00	7:00	7:00	7:00	12:00	10:30	9:00	13:00	11:30	9:30
0500 - 0559	11:00	10:00	10:00	9:00	9:00	9:00	14:00	12:30	11:00	15:00	13:30	11:30	9:00	8:00	8:00	8:00	8:00	8:00	12:00	10:30	9:00	13:00	11:30	9:30
0600 - 0659	12:00	11:00	11:00	10:00	10:00	9:00	15:30	14:30	13:30	17:30	16:00	14:00	9:00	9:00	9:00	8:00	8:00	8:00	13:30	12:30	11:30	15:30	14:00	12:00
0700 - 0759	13:00	12:00	12:00	11:00	11:00	10:00	15:30	14:30	13:30	17:30	16:00	14:00	9:30	9:00	9:00	9:00	9:00	8:00	13:30	12:30	11:30	15:30	14:00	12:00
0800 - 1059	14:00	13:00	13:00	12:00	11:00	11:00	16:00	15:30	15:00	18:00	17:00	15:30	10:00	9:30	9:30	9:00	9:00	9:00	14:00	13:30	13:00	16:00	15:00	13:30
1100 - 1359	13:00	12:00	12:00	11:00	11:00	10:00	15:30	15:00	13:30	17:30	16:00	14:00	9:30	9:00	9:00	9:00	9:00	8:00	13:30	13:00	11:30	15:30	14:00	12:00
1400 - 1459	12:00	11:00	11:00	10:00	10:00	9:00	15:00	13:30	12:00	16:30	15:00	13:00	9:00	9:00	9:00	8:00	8:00	8:00	13:00	11:30	10:00	14:30	13:00	11:00
1500 - 1559	11:00	10:00	10:00	10:00	9:00	9:00	15:00	13:30	12:00	16:30	15:00	13:00	9:00	8:00	8:00	8:00	8:00	8:00	13:00	11:30	10:00	14:30	13:00	11:00
1600 - 2359	10:00	9:00	9:00	9:00	8:00	8:00	14:00	12:30	11:00	15:00	13:30	11:30	9:00	8:00	8:00	8:00	7:00	7:00	12:00	10:30	9:00	13:00	11:30	9:30
	Maximum FDP									Maximum Flight time in FDP														
Duration of off-duty						4 Pilots		2 Pilots						3 Pilots			4 Pilots							
period immediately before the FDP	According to sectors to be flown According to In-flight rest facility						According to sectors to be flown				According to In-flight rest facility													
before the FDP	1-2	3	4	5	6	7+	Class 1	Class 2	Class 3	Class 1	Class 2	Class 3	1-2	3	4	5	6	7+	Class 1	Class 2	Class 3	Class 1	Class 2	Class 3
Less than 30 hours	11:00	10:00	10:00	9:00	9:00	9:00	14:00	12:30	11:00	15:00	13:30	11:30	9:00	8:00	8:00	8:00	8:00	8:00	12:00	10:30	9:00	13:00	11:30	9:30
30 hours or more	12:00	11:00	11:00	10:00	10:00	9:00	15:00	13:30	12:00	16:30	15:00	13:00	9:00	9:00	9:00	8:00	8:00	8:00	13:00	11:30	10:00	14:30	13:00	11:00

Table 2

Use FDP Start Time, Number of Pilots, Number of Scheduled Sectors and Class of In-Flight Rest Facility .

(The bottom two rows are to be used for a

FCM in an Unknown State of Acclimatisation)



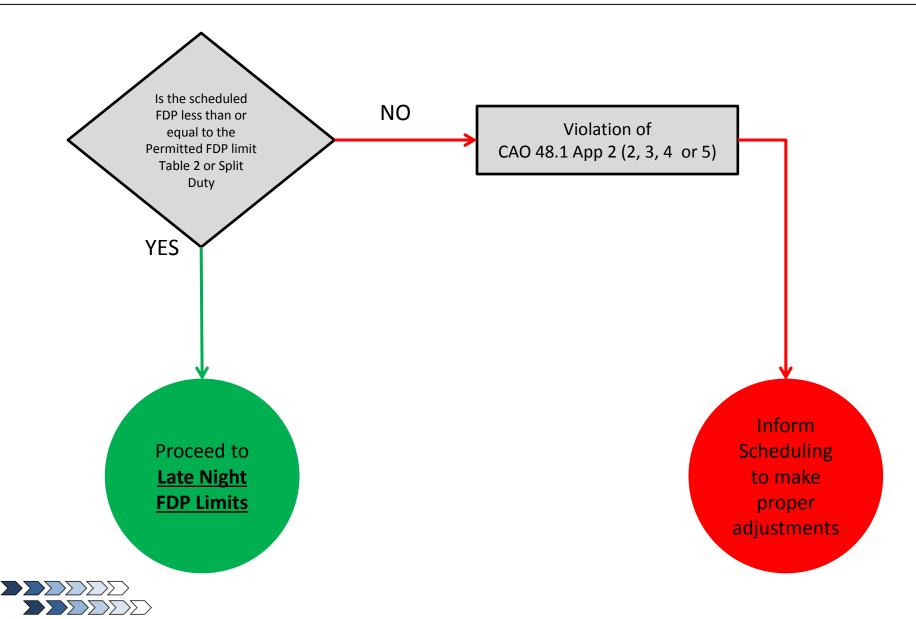


Split Duty: Does the FDP touch YES NО any portion of the Time from 23:00 to 05:29 Scheduled Permitted Extension is the lesser of: Scheduled Permitted Extension is the lesser of: FDP limit in Table 2 + 2:00 FDP limit in Table 2 + 2:00 • 16:00 16:00 Max FDP after Break is 6:00 Violation of CAO 48.1 App 2 (4) Is the FDP after the Break less than or YES NO equal to 6:00 Inform Scheduling Proceed to to make Daily proper **Limitations** Notes: adjustments Split Duty is only applied to 2-Pilot Flight Crews. ٠

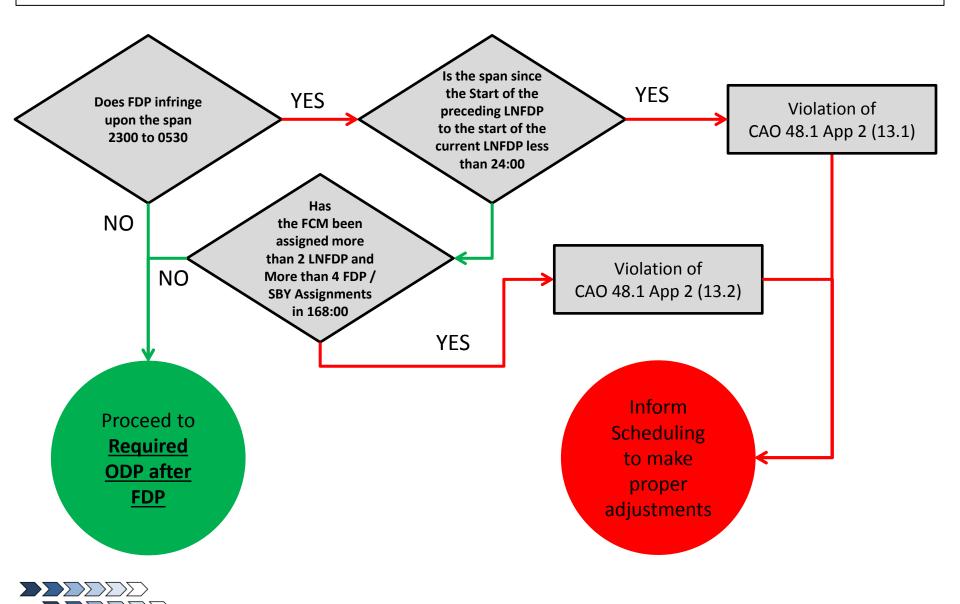
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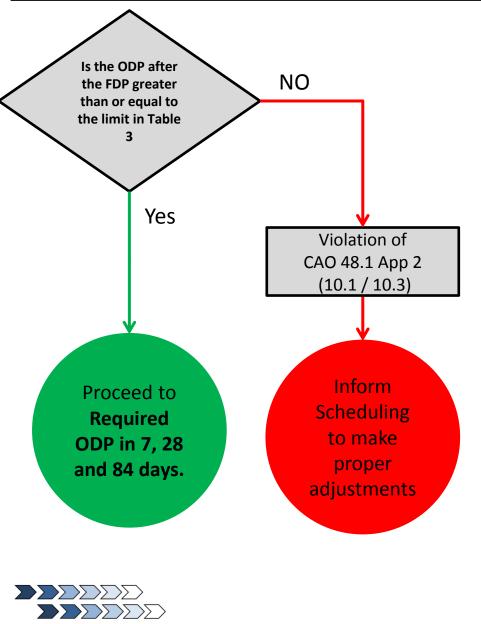
Daily FDP Limitations



Late Night FDP (LNFDP) Limits



Required ODP after FDP (at Base)



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Displacement Time =

TZ offset at Start of OFP – TZ offset at Start of the FDP.

Displacement Adjustment:

- By default Displacement Adjustment is **0:00**
- If the Displacement Time Is greater than **2:00** then
 - Displacement Adjustment = Displacement Time - 2:00
- If the Displacement Time Is less than -3:00 then
 - Displacement Adjustment = -3:00 - Displacement Time

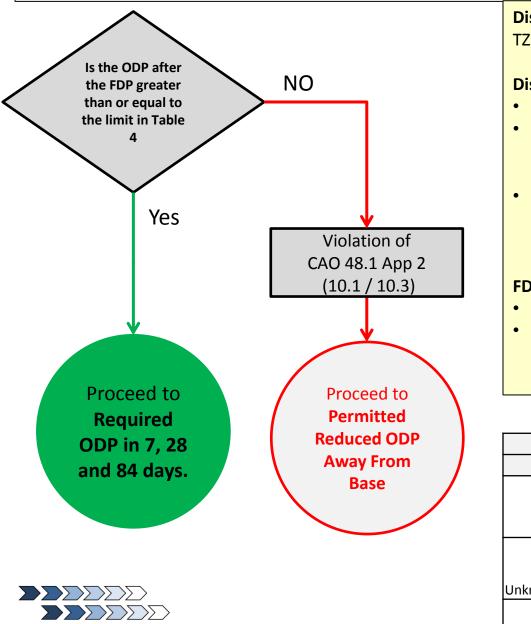
FDP Adjustment :

- By default FDP Adjustment is **0:00**
- If the FDP Time Is greater than 12:00 then
 - FDP Adjustment = 1.5* (FDP Time – 12:00)

Table 3

ODP At Base							
Primary Condition	Required ODP						
FDP Time > 12:00	12:00 Plus						
and FCM is Acclimated	Displacement Adjustment						
	Plus FDP Adjustment						
FDP Time > 12:00 and	14:00 Plus						
FCM is in an	Displacement Adjustment						
Unknown State Acclimatisation	Plus FDP Adjustment						
<= 12:00	12:00 Plus						
<= 12:00	Displacement Adjustment						

Required ODP after FDP (Away from Base)



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Displacement Time =

TZ offset at Start of OFP – TZ offset at Start of the FDP.

Displacement Adjustment:

- By default Displacement Adjustment is **0:00**
- If the Displacement Time Is greater than **2:00** then
 - Displacement Adjustment = Displacement Time - 2:00
- If the Displacement Time Is less than -3:00 then
 - Displacement Adjustment = -3:00 - Displacement Time

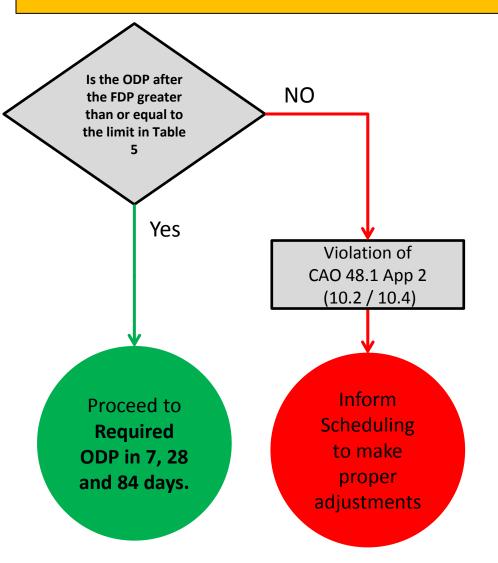
FDP Adjustment :

- By default FDP Adjustment is **0:00**
- If the FDP Time Is greater than 12:00 then
 - FDP Adjustment = 1.5* (FDP Time – 12:00)

Table 4

ODP Away From Base						
Primary Condition	Required ODP					
FDP Time > 12:00	12:00 Plus					
	Displacement Adjustment					
and FCM is Acclimated	Plus FDP Adjustment					
FDP Time > 12:00 and	14:00 Plus					
FCM is in an	Displacement Adjustment					
Unknown State of Acclimatisation	Plus FDP Adjustment					
<- 12:00	10:00 Plus					
<= 12:00	Displacement Adjustment					

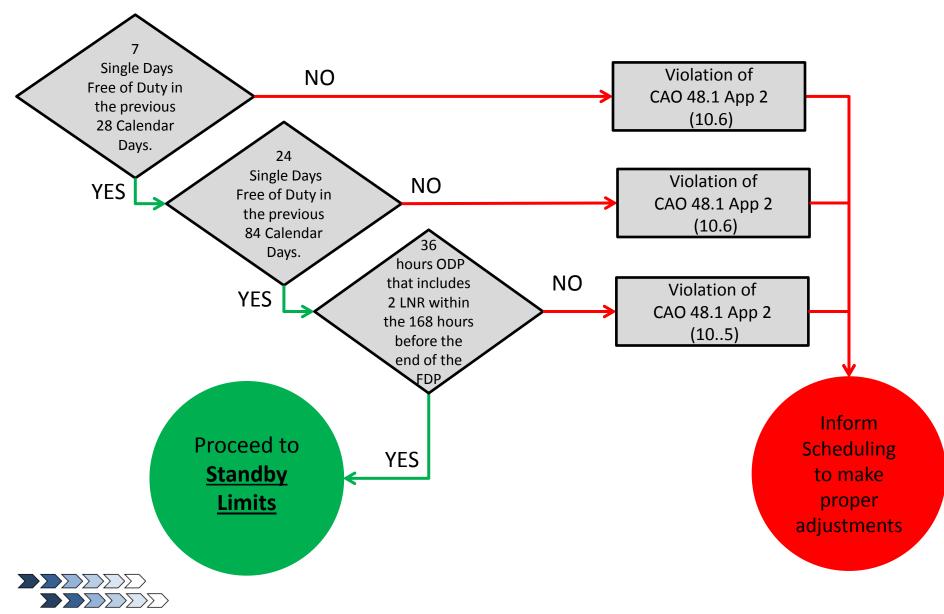
Permitted Reduced ODP Away From Base



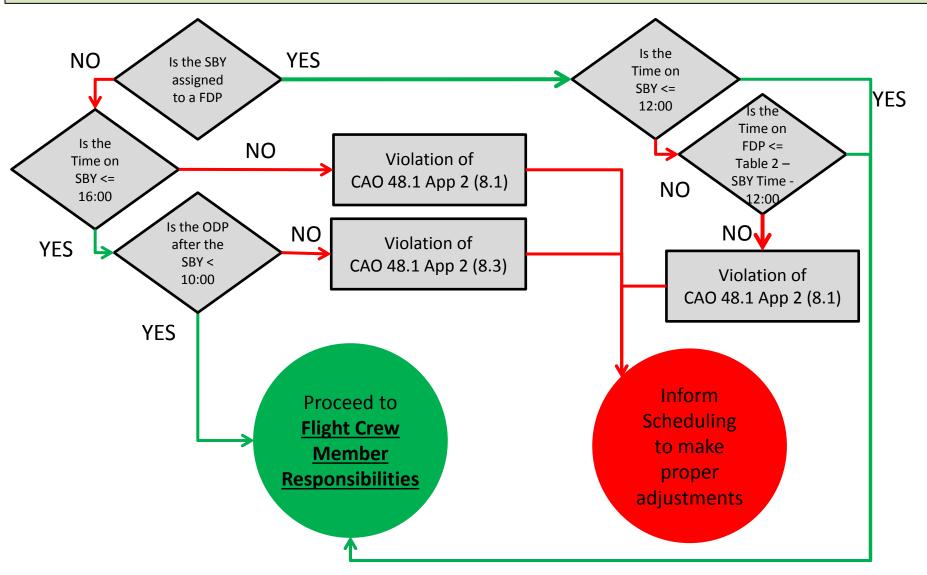
Reduced ODP Away from Base							
<u>Primary</u>	Secondary	<u>Permitted</u>					
<u>Condition</u>	Conditions	Reduced ODP					
FDD T	FCM is Acclimated at start of ODP	<u>9:00</u>					
FDP Time	ODP will provide a LNR						
<u><= 10:00</u>	The next ODP is						
	<u>>= 12:00 with a LNR</u>						
	FDP is not extended past the FDP limit						
Required ODP > 14:00	<u>The FCM will begin</u> the next FDP in an acclimated state	<u>14:00</u>					
	<u>The ODP following the next</u> FDP is at least 36:00 with 2 LNR						

Table 5

Required ODP in 7, 28 and 84 days.



Standby (SBY) Limits



Flight Crew Member Responsibilities

