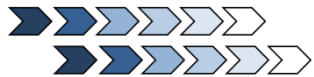
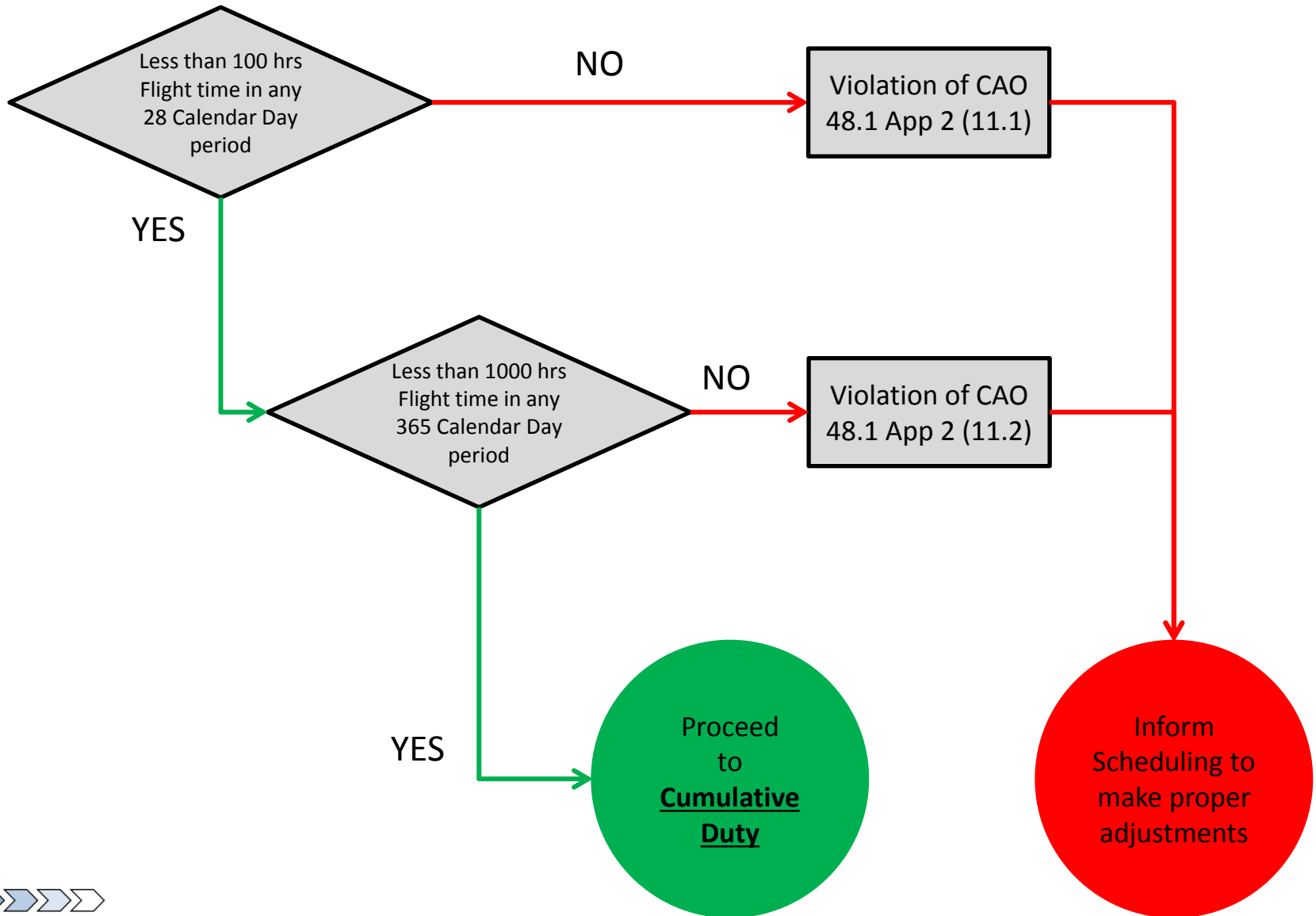


Crew member Aid for In-Progress Limitations Under CAO 48.1 (Complex Operations)

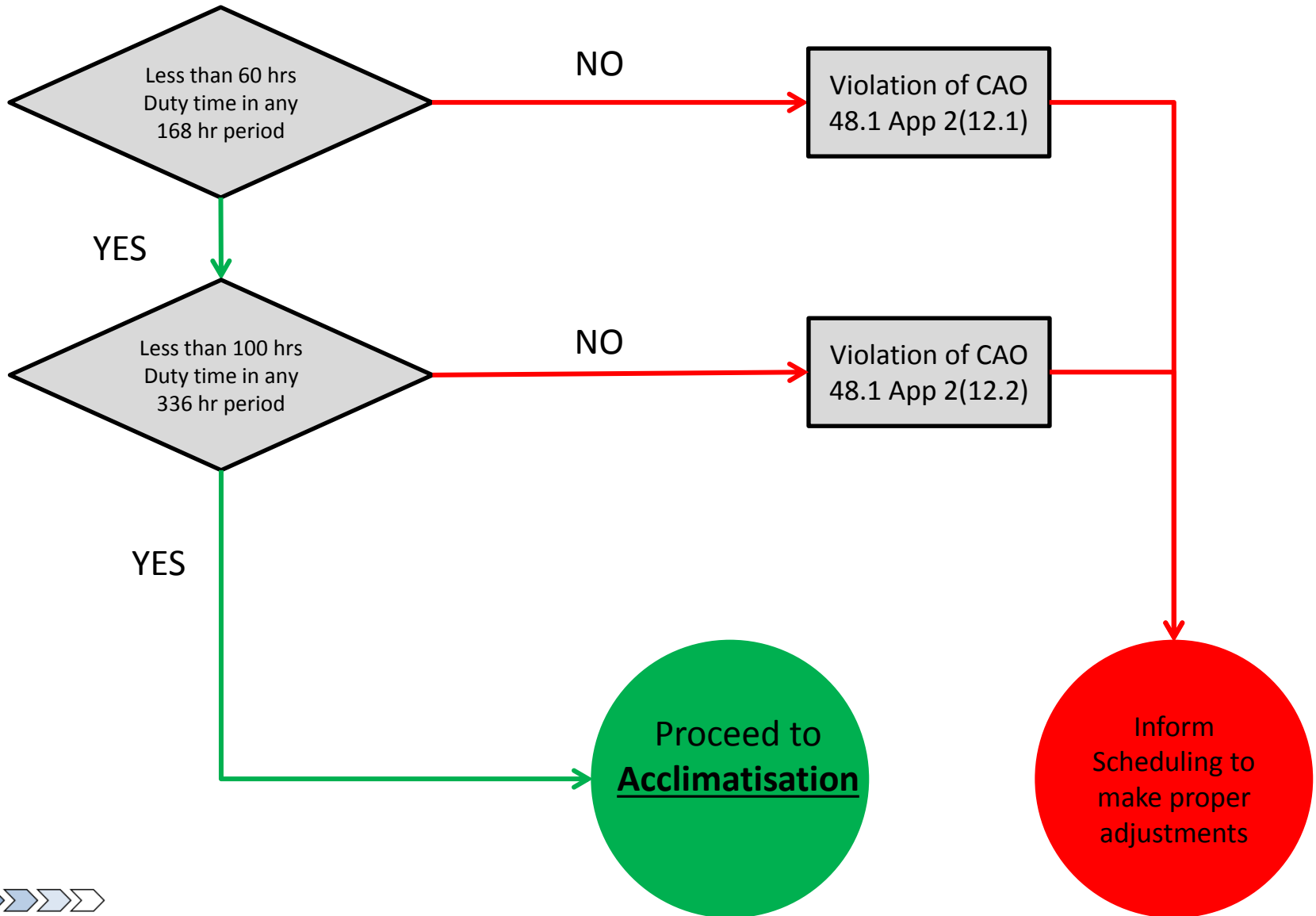
v 1.0



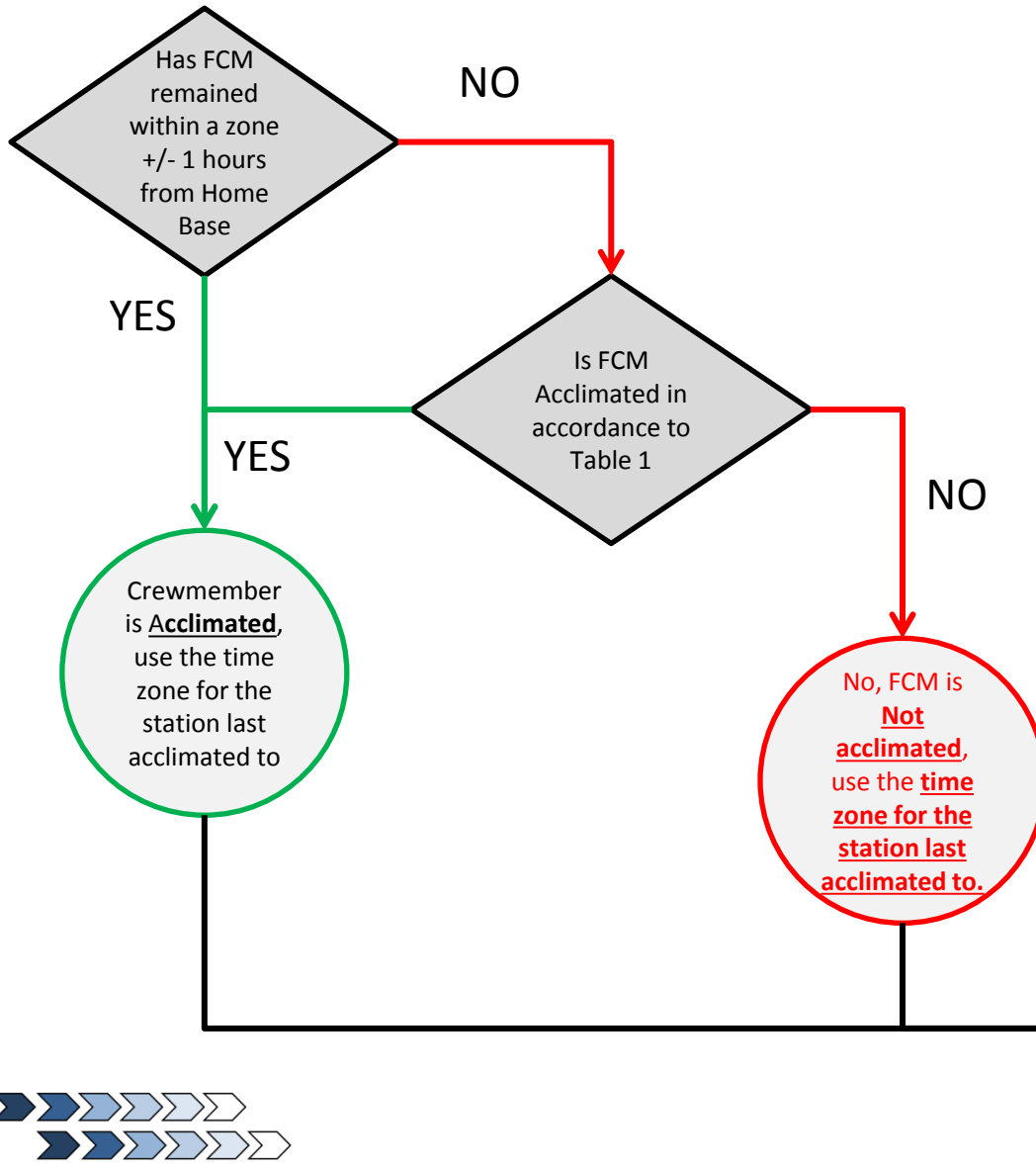
Cumulative FTL Limitations



Cumulative Duty Limitations



Acclimatisation

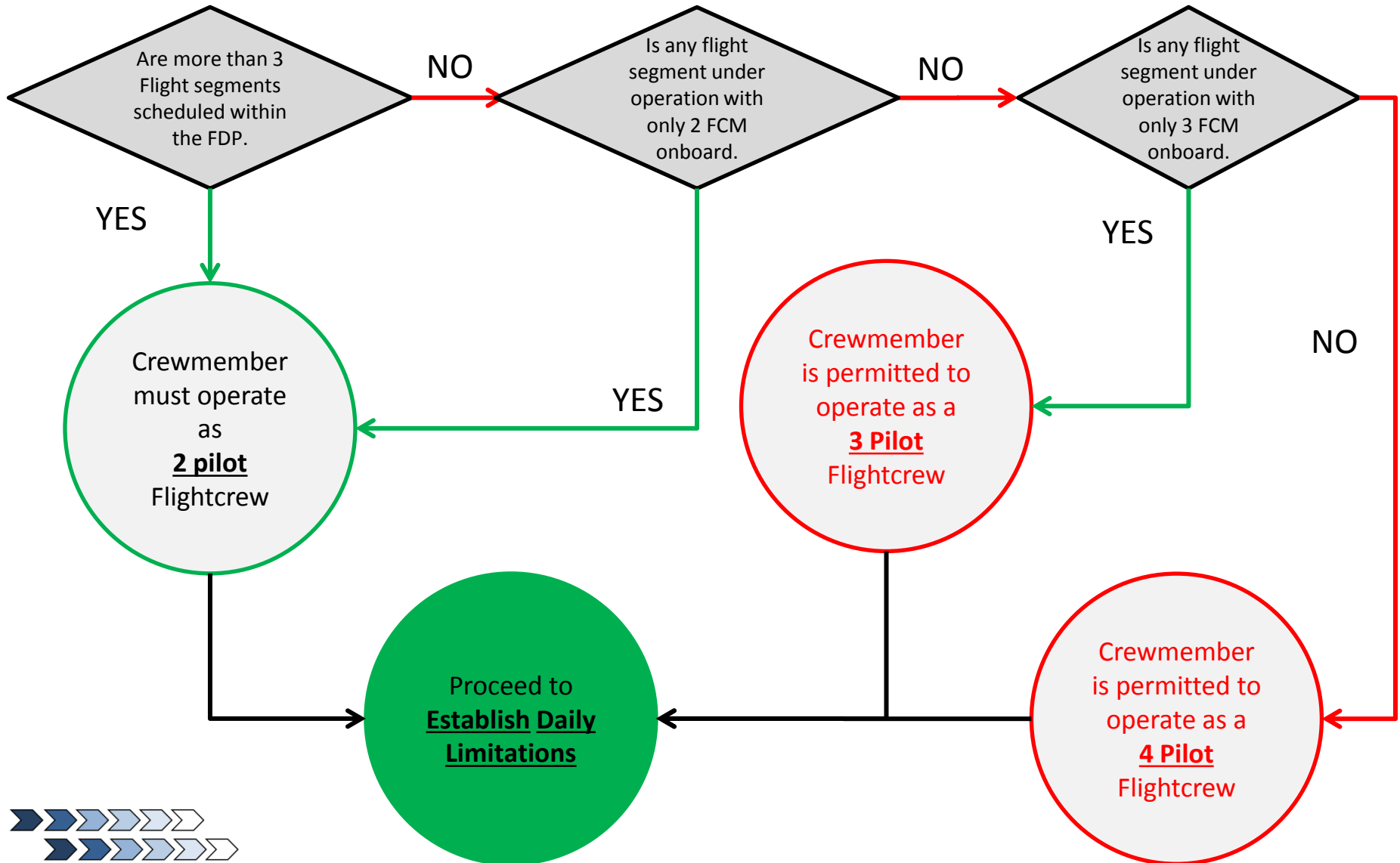


Time zone change (measured in time zones)	Adaptation period to become acclimated to new location (hours)	
	West	East
2	24	30
3	36	45
4	48	60
5	48	60
6	48	60
7	72	90
8	72	90
9	72	90
10 or more	96	120

Table 1



Crew Compliment



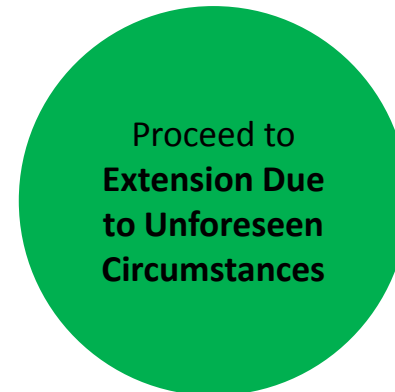
Delayed Report Time

Delayed Report Time Under Operations Manual Procedures		
Amount of Notification	FDP Limit Based Upon	Amount of Delay
>= 2:00 at base	Revised FDP Start time	Is Considered Standby
< 2:00 at base	Original FDP Start Time	Is Considered FDP
>= 1:00 away from base	Revised FDP Start time	Is Considered Standby
< 1:00 away from base	Original FDP Start Time	Is Considered FDP

Table 6

Delayed Report Time No Operations Manual Procedures		
Amount of Notification	FDP Limit Based Upon	FDP start time
>= 10:00	Revised FDP Start time	Revised FDP Start time
< 10:00	More Limiting of the Revised FDP start time or the Original FDP start time	Original FDP start time

Table 7



Extension Due to Unforeseen Circumstances

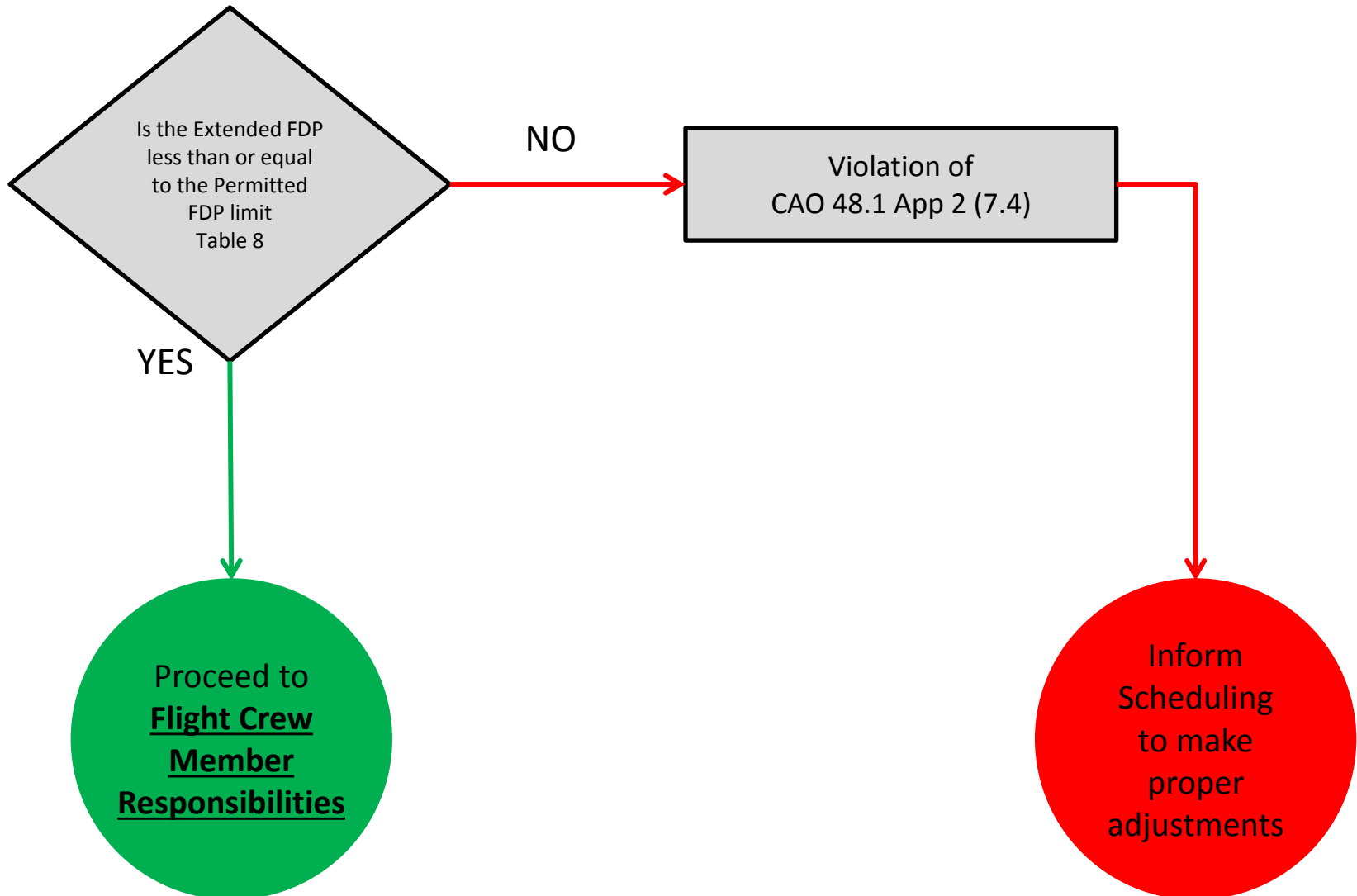
Acclimatised time at start of FDP	Maximum Extended FDP												Maximum Extended Flight time in FDP											
	2 Pilots						3 Pilots			4 Pilots			2 Pilots						3 Pilots			4 Pilots		
	According to sectors to be flown						According to In-flight rest facility						According to sectors to be flown						According to In-flight 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	11:00	10:00	10:00	9:00	9:00	9:00	16:00	14:30	13:00	17:00	15:30	13:30	8:30	8:30	8:30	7:30	7:30	7:30	13:00	11:30	10:00	14:00	12:30	10:30
0500 – 0559	12:00	11:00	11:00	10:00	10:00	10:00	16:00	14:30	13:00	17:00	15:30	13:30	9:30	8:30	8:30	8:30	8:30	8:30	13:00	11:30	10:00	14:00	12:30	10:30
0600 – 0659	13:00	12:00	12:00	11:00	11:00	10:00	17:30	16:30	15:30	19:30	18:00	16:00	9:30	9:30	9:30	8:30	8:30	8:30	14:30	13:30	12:30	16:30	15:00	13:00
0700 – 0759	14:00	13:00	13:00	12:00	12:00	11:00	17:30	16:30	15:30	19:30	18:00	16:00	10:00	9:30	9:30	9:30	9:30	8:30	14:30	13:30	12:30	16:30	15:00	13:00
0800 – 1059	15:00	14:00	14:00	13:00	12:00	12:00	18:00	17:30	17:00	20:00	19:00	17:30	10:30	10:00	10:00	9:30	9:30	9:30	15:00	14:30	14:00	17:00	16:00	14:30
1100 – 1359	14:00	13:00	13:00	12:00	12:00	11:00	17:30	17:00	15:30	19:30	18:00	16:00	10:00	9:30	9:30	9:30	9:30	8:30	14:30	14:00	12:30	16:30	15:00	13:00
1400 – 1459	13:00	12:00	12:00	11:00	11:00	10:00	17:00	15:30	14:00	18:30	17:00	15:00	9:30	9:30	9:30	8:30	8:30	8:30	14:00	12:30	11:00	15:30	14:00	12:00
1500 – 1559	12:00	11:00	11:00	11:00	10:00	10:00	17:00	15:30	14:00	18:30	17:00	15:00	9:30	8:30	8:30	8:30	8:30	8:30	14:00	12:30	11:00	15:30	14:00	12:00
1600 – 2359	11:00	10:00	10:00	10:00	9:00	9:00	16:00	14:30	13:00	17:00	15:30	13:30	9:30	8:30	8:30	8:30	7:30	7:30	13:00	11:30	10:00	14:00	12:30	10:30
Duration of off-duty period immediately before the FDP	Maximum Extended FDP												Maximum Extended Flight time in FDP											
	2 Pilots						3 Pilots			4 Pilots			2 Pilots						3 Pilots			4 Pilots		
	According to sectors to be flown						According to In-flight rest facility						According to sectors to be flown						According to In-flight 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
Less than 30 hours	12:00	11:00	11:00	10:00	10:00	10:00	16:00	14:30	13:00	17:00	15:30	13:30	9:30	8:30	8:30	8:30	8:30	8:30	13:00	11:30	10:00	14:00	12:30	10:30
30 hours or more	13:00	12:00	12:00	11:00	11:00	10:00	17:00	15:30	14:00	18:30	17:00	15:00	9:30	9:30	9:30	8:30	8:30	8:30	14:00	12:30	11:00	15:30	14:00	12:00

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)

Table 8



Extension Due to Unforeseen Circumstances



Flight Crew Member Responsibilities

