

TABLE 3.2 MEDICAL REQUIREMENTS OVERVIEW

MEDB# and Title:	MEDB 7.1 Preflight Behavioral Health Status Checks
Sponsor:	Space Medicine
Discipline:	Behavioral Health and Performance
Category:	Medical Requirements (MR)
References:	Medical Evaluation Documents (MED) Volume B Section 7.1 ; ISS MORD
Purpose/Objectives:	Crewmembers shall complete a brief preflight interview & exam with the psychiatrist/psychologist to confirm crewmembers fitness for launch.
Measurement Parameters:	N/A
Deliverables:	N/A
Flight Duration:	Greater than or equal to 30 days
Number of Flights:	Each ISS long duration expedition
Number and Type of Crew Members Required:	All ISS crewmembers
Other Flight Characteristics:	N/A

3.3 Preflight Training

TABLE 3.3: PREFLIGHT TRAINING

Preflight Training Activity Description:	N/A			
	Duration:	Schedule:	Flexibility:	Personnel Required:
Schedule:				
Ground Support Requirements Hardware/Software	Preflight Hardware:	Preflight Software:	Test Location:	
Training Facilities	Minimum Room Dimensions:	Number of Electrical Outlets:	Temperature Requirements:	Special Lighting:
	Hot or Cold Running Water:	Privacy Requirements:	Other:	
Constraints/Special Requirements:				
Launch Delay Requirements:				
Notes:				

3.4 Preflight Activities

TABLE 3.4: PREFLIGHT ACTIVITIES

Preflight Activity	Description:	Preflight, a brief behavioral health exam will be conducted at L-12 months. This will include at least a check of life's events that would have an impact on the astronaut's fitness for launch. Additional exams will be at the discretion of the host country's behavioral health specialists.			
	Schedule:	Duration:	Schedule:	Flexibility:	Personnel Required:
		1 hr	L-12 months	As clinically indicated at the discretion of each agency	BHP Psychiatrist/Psychologist
Ground Support Requirements Hardware/Software	Preflight Hardware:	Preflight Software:		Test Location:	
	N/A	N/A		US or Russia	
Testing Facilities	Minimum Room Dimensions:	Number of Electrical Outlets:	Temperature Requirements:	Special Lighting:	
	8' X 10'	2 (US 110V, Russia 220V)	Ambient	N/A	
	Hot or Cold Running Water:	Privacy Requirements:	Vibration/Acoustic Isolation:	Other:	
	N/A	Private room, free of distractions	N/A		
Constraints/Special Requirements:	N/A				
Launch Delay Requirements:	N/A				
Notes:	Information provided by each crewmember will be held in confidence.				
Data Delivery	Data/Report to Designated Recipients (Nominal/Contingency):				
	N/A				

3.5 In-Flight Activities

TABLE 3.5.1: IN-FLIGHT ACTIVITIES

In-Flight Activity	Description:	N/A				
	Schedule:	Activity:	Duration:	Schedule:	Flexibility:	Blood Volume:
Procedures:						
Constraints / Special Requirements:						
Photo / TV Requirements:						
Cold Stowage Requirements:						
Mission Extension Requirements:						
Landing Wave-Off Requirements:						
Data Delivery	Data/Report to Designated Recipients (Nominal/Contingency):					

In-Flight Activities, (cont.)

TABLE 3.5.2: IN-FLIGHT HARDWARE

Hardware/Software Name	P/N
N/A	

3.6 Postflight Activities

TABLE 3.6: POSTFLIGHT ACTIVITIES

Postflight Activity	Description: N/A			
	Duration:	Schedule:	Flexibility:	Personnel Required:
	Schedule:			
Ground Support Requirements Hardware/Software	Postflight Hardware:		Postflight Software:	Test Location:
Testing Facilities	Minimum Room Dimensions:	Number of Electrical Outlets:	Temperature Requirements:	Special Lighting:
	Hot or Cold Running Water:	Privacy Requirements:	Vibration/Acoustic Isolation:	Other:
Constraints/Special Requirements:				
Early Destow / Early Return:				
Notes:				
Data Delivery	Data/Report to Designated Recipients (Nominal/Contingency):			

3.7 Summary Schedule

TABLE 3.7: SUMMARY SCHEDULE

ACTIVITY	DURATION	SCHEDULE	FLEXIBILITY	BLOOD VOLUME	PERSONNEL REQUIRED	CONSTRAINTS
Preflight Training						
Preflight						
	1 hr	L-12 months	As clinically indicated at the discretion of each agency	N/A	BHP Psychiatrist/ Psychologist	
In-Flight						
Wheels-Stop						
Postflight						
Postflight Debrief						