

**The Soldier: America's Most Deployed Combat System**



**Product Manager Clothing Individual Equipment  
Personnel Airdrop Systems Team  
PROGRAM STATUS UPDATE TO PIA**

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# Purpose



To provide the PIA an update on  
PM CIE Personnel Airdrop product  
development status



# ATPS Configuration changes



- T-11 Harness
  - Uses Capewell Canopy Release Assembly
  - Maintains four points of adjustment from previous T-11 harness
  - Maintains vertical for jumper under reserve
- T-11 & MC-6 Main Pack Tray
  - Uses same diagonal backstrap keepers as T-10
- T-11R Risers
  - Incorporates a 26-in spreader bar of the same material as MIRPS



# ATPS Status



- MC-6 testing with new configuration successfully completed in Nov 07
  - 90 mannequin drops
  - 275 live jumps
  
- T-11 Testing
  - 38 live jumps successfully completed with new configuration
  - OT scheduled to start at Ft. Bragg on 25 Feb 08
  
- MC-6 MWO to modify fielded assets
  - MWO procedures have been finalized
  - MWO kits to be procured and provided to the field
  - Estimated time of MWO release - 4QFY08



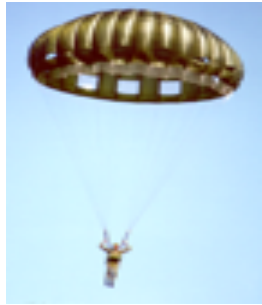
# ATPS Path Forward



- MC-6
  - First Article Testing (FAT) of Modified Components in Process
  - FAT Completion for all manufacturers anticipated in 3QFY08
  - Modification to the MC-6 contracts authorizing manufacturers to go into production of modified MC-6 components in 3QFY08
  - Control Charting for Critical to Quality Items to continue
  - Fielding to resume 4QFY08
  
- T-11
  - Quality Products List (QPL)
    - An update to the Sources Sought Synopsis was published 14 FEB 08 on the <https://acquisition.army.mil/asfi/> website
    - Interested manufacturers submit samples on their own initiative
  - Pre-Production Review
    - First session held in Feb 07
    - Second session to be held in 3QFY08
  
- Obtain approval for Full Rate Production 2QFY09
  
- Award Full Rate Production Contracts 3QFY09

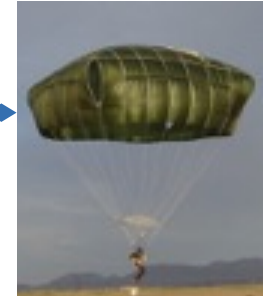


# ATPS schedule on track



**MC-6**

**T-11**



MC-6	FY07				FY08				FY09				FY10				FY11				FY12				FY13				FY14							
Milestones	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
Design Validation				█																																
Customer Test					█																															
Safety Confirmation							△																													
Contract Mod							△																													
MC-6 Fielding									→																											

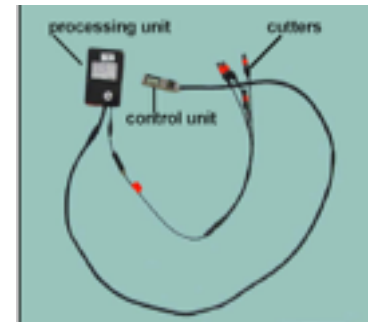
T-11	FY07				FY08				FY09				FY10				FY11				FY12				FY13				FY14							
Milestones	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
DT				█																																
OT					→																															
LRIP							△																													
Milestone C											△																									
Contract Awd											△																									
ATPS Fielding									→																											



# Military Free Fall Programs



- **EAAD – Soldier Enhancement Project (SEP)**
  - Military variant of a commercially available Automatic Opening Device
  - Contract awarded in Mar 07 to purchase 1,500 systems in FY07 and FY08
  - FUE 1<sup>st</sup> SFG Ft. Lewis, WA – Aug 07
  - Fielding to resume Jan 08 (32% of AAO Fielded)
  - Memorandum on “Low Battery” signal released Dec 07
- **Parachutist’s Oxygen Mask (POM) - SEP**
  - Request for Proposals (RFP) published on 7 Dec 07
  - Proposals received 25 Jan 08
  - Expect contract award Feb 08
  - Testing scheduled to commence 3QFY08
  - Full Rate Production Decision expected in 4QFY09





# Military Free Fall Programs



- Advanced Ram Air Parachute System (ARAPS)
  - Commercially available parachute system capable of meeting Aerial Infiltration requirements
- ARAPS Requirements
  - Must provide for increased jumper exit weight (up to 450 lbs)
  - Operation altitude ranges from 3,500 ft to 25,000 ft MSL
  - Static Line and MFF deployable
  - Provide a lift to drag ratio of 3 to 1
  - Reduced opening shock at exit altitude
  - Improved flight characteristics and landings
- Anticipate program initiation in FY08







# Military Free Fall Programs



- Military Freefall Navigation Aid

- Uses heads up to display to aid in navigation while under canopy
- Technology assessment continues in FY08
- System will be integrated with Joint Precision Aerial Delivery System Mission Planner (JPADS-MP)
- System Development focus is on software and user interface
- Program started in FY08 with a Milestone B decision expected in FY09





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