

The JANUS-400 Tactical System is a Military Multi-Mission parachute system for tandem and solo jumps with versatile ram-air canopies for airborne operations from 25,000 Ft MSL.

The JANUS Multi-Mission Tactical System allows various configurations of the state-of-the-art Plus Tactical Ram-Air Canopies (9 & 11-Cell) with the JANUS-400 Harness/Container System according to the specific task of each user.



The JANUS-400 Multi-Mission Tactical System has been specifically designed and engineered for overt and covert Military Special Air Operations of:

- SOF (Special Operations Forces), Tactical Assault Groups and Long Range Reconnaissance Patrols - (HALO and HAHO Infiltration into hostile territories)
- SAR (Search & Rescue) and CSAR (Combat Search & Rescue) insertion for support, cover, first aids and recovery of distress personnel in high risk situations.
- Military Tactical Tandem Free Fall Operations.

The JANUS-400 Multi-Mission Tactical System allows the following tandem or solo jump mission configurations with both oxygen systems and cargo equipment.

1. Self-Set Drogue
2. BOC Hand Deploy
3. Static Line Drogue
4. Double Bag Static Line (DBSL)

JANUS-400 harness/container presents the following main characteristics:

Model	JANUS-400
P/N Harness/Container Assy.	406009-400
Configuration	Dual
Size	Universal
Main fabric	Cordura 1000 Ds
Protector fabric	Ballistic
Adjustment points	8
Cargo attachment points	6
Main container closing	1-pin
Reserve container closing	1-pin
Drogue release	Double
Reserve deployment system	Double
AAD Pre-installation	Cypres, Vigil
Max. Operating Speed (KIAS)	165
Max. Operating Weight (kg)	260 <sup>1</sup>
Max. Operating Altitude (Ft)	25000
Min. Operating Altitude (Ft)	1500/2000 <sup>2</sup>
Canopy range (Sq.Ft)	400-440
Harness/Container Assy. Weight (kg)	9

<sup>1</sup> Maximum suspended weight (pilot + parachute + passenger + passenger harness + cargo) never must be over than reserve canopy maximum operating weight.

<sup>2</sup> Depending on reserve canopy choose.

The JANUS-400 Complete Assembly uses a Tandem Passenger Harness with the following main characteristics:

Model	APT-400
P/N Tandem Passenger Harness Assy.	333419
Size	Universal
Tapes material	PIA-4088 Type VII
Main fabric	Cordura 1000 Ds
Protector fabric	Ballistic
Adjustment points	13
Cargo attachment points	4
Parachute attachment points	4
Oxygen system capability	Yes
Emergency knife	Yes
Max. Operating Speed (KIAS)	165
Max. Operating Weight (kg)	260
Tandem Passenger Harness Assy. Weight (kg)	5.70

The Plus Tactical Ram-Air Canopies have been specifically designed for tactical military missions were reinforced structure, high gliding performance, effective canopy flying control and cost-effective maintenance is required.

JANUS-400 Multi-Mission Tactical System is configured by main and reserve tactical canopies with the following main differences in its technical aspects:

- **Cells:** canopies with 9 or 11-Cell depending on required glide ratio.
- **Type of fabric:** low porosity canopies (03CFM) and Hybrid canopies (0CFM on top and 03CFM on ribs and bottom surface) in order to maintain more time all its flight performances without hindering its packing process.
- **Configuration:**
  - **By Pass (BP):** oriented to high altitude drops up to 260kg with drogue.

The combination between JANUS-400 harness/container and the different types of Plus tactical canopies give us the following standard JANUS-400 complete multi-mission tactical systems:

P/N Complete Assy.	502927	502928	502929
Harness/Container	JANUS-400	JANUS-400	JANUS-400
P/N Harness/Container	406009-400	406009-400	406009-400
Main Canopy	PLUS-400HBP 9-Cell Hybrid	PLUS-400BP 9-Cell 03CFM	PLUS-440HBP 11-Cell Hybrid
P/N Main Canopy	317565-400-1	317563-400-1	317564-440-1
Reserve Canopy	PLUS-400BP 9-Cell 03CFM	PLUS-400BP 9-Cell 03CFM	PLUS-400BP 9-Cell 03CFM
P/N Reserve Canopy	317563-400	317563-400	317563-400

The 9-Cell canopy P/N 317563-400-1 and P/N 317563-400 are the same canopy.

Their only difference being on the slider; part numbers with -1 use collapsible slider (recommended for main canopies) and part numbers without - ( ) use non collapsible slider (recommended for reserves canopies). All of them can be used as main and/or reserve.

Reserve canopy P/N 317563HD-400 can be used as alternative to P/N 317563-400.

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