



**Summit
Defence**



HELICOPTER PILOTS & AIRCREW SUPPLEMENTARY OXYGEN SYSTEM (HPASOS)

The HPASOS system is a pneumatically powered pulse oxygen delivery system designed specifically to protect the pilots and aircrew of unpressurized aircraft from the effects of hypoxia when flying at altitudes above 8,000ft.



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Jasmond Teo

Sales Manager
AeroSafety Equipment PLT
202504000457 (LLP0041949-LGN)

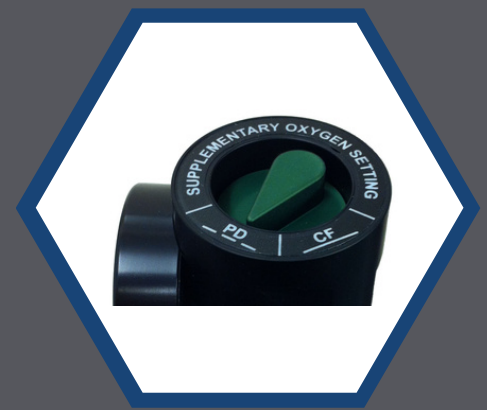
 jasmondteo@aerosafetyequipment.com
 (+60) 10-290-8163
 58 Tingkat Loke Lim, Taman Loke Lim
30010 Ipoh, Perak



The Pneumatic Oxygen Delivery (POD) Unit is one of the key components of the Helicopter Pilot and Aircrew Supplementary Oxygen System (HPASOS).

Key Features:

- Pneumatically powered, no requirement for batteries.
- The pulse oxygen delivery method gives unprecedented endurance.
- 0.4-ltr capacity cylinder gives approximately 1hr duration.
- Emergency constant flow setting.
- The unit has two settings:
 - Pulse Dose (PD) (normal operation)
 - Constant Flow (CF) (emergency)



The Oronasal Mask Assembly has been designed in conjunction with the POD Unit, again as a key component of the HPASOS system.

Key Features:

- Includes communications.
- Easy to connect to the user helmet.
- One-handed operation.
- Comfortable to wear with almost no resistance to breathing.
- The mask is available in two sizes.
- The mask can be modified to suit different helmet interfaces.



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