



航空生理訓練器

Aviation Physiology Trainer (APT)

空間迷向機

Anti Spatial Disorientation
Trainer(DISO)

彈射座椅訓練器

Ejection Seat Trainer(EST)

夜視力夜視鏡訓練器

Night Vision & Goggle
Trainer(NVRS)



航空生理訊練器

Aviation Physiology Trainer (APT)

空間迷向機

- F-5E、F-16戰機、通用型直昇機等三種機種之飛行軟體模組。
- 總數共45種主動及被動模式迷向訓練課目。
- 提供200×200公里之視效區域，具地型、地貌、地物。
- 視覺畫面120o(H) 30o(V)之平行光投影系統。
- 六軸電動平台，配合 第七軸360°之輔助自轉運動之架構設計。
- 航空生理訊號監測。
- 紀錄重播飛行軌跡。

Anti Spatial Disorientation Trainer

- Configurable Three flight model for F-5E, F-16 Fighter and generic general Helicopter.
- Total of 45 training courses in active and passive modes.
- 200×200 km database expanding depend with terrain, and form and surface feature.
- Three channel display 120o(H) 30o(V) Collimated Display System for better field of depth.
- 6DOF motion platform with a 7th 360° rotational axis.
- Physiology signal monitoring & measuring.
- Record/Replay the flight path track.

彈射座椅訓練器

- 複式互鎖設計與高安全係數操作設計。
- 彈射塔後傾斜角採可調式(0至40度)。
- 棘輪加電磁煞車器，停電自鎖設計。
- 採用自動定速控制，著地前減速至零。
- 採靜音空壓機型且獨立隔間設計。

Ejection Seat Trainer

- Redundant interlock design and high mechanical safety factor for safe operations.
- Continuously adjustable inclination angle from 0° to 40°.
- Electro-mechanical redundant braking system for fail-safe operation upon loss of electrical power.
- Controlled descending system for smooth descend.
- Isolated air compressing room for quiet operation.

夜視力夜視鏡訓練器

- 自行開發的先進訓練軟體。
- 能夠模擬三度空間任何月亮位置與亮度。
- 能夠模擬雲霧覆蓋情況。
- 圓形陸地模型板與海洋模型板。
- 世界上第一台可旋轉動態模型台。
- 模擬座艙燈光對夜視鏡影響。

Night Vision & Goggle Trainer

- Advanced Training and Training media control software.
- Three dimensional simulation of moon position effects.
- Simulation of fog and mist effects.
- Land, sea, river, lake, valleys, etc.
- Worlds first known rotating platform for simulation of dynamic scenario.
- Cockpit lighting effect simulation using various lighting spectrums.



SIMULATION & STIMULATION TECHNOLOGY

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