



PRODUCT SELECTOR

Observer & Sentinel Systems

Skyforce Avionics Ltd

Honeywell

Observer [OB2000] & Sentinel [OB3000]

PRODUCT SELECTOR

Have we chosen the RIGHT product for our application?
Will **OB3000** Sentinel meet all of our Operational Needs?

OR

Do we need an **OB2000** Observer MKIII Mission System?

OR

Do we need an **OB2000** for the Mission Commander *and* **OB3000** for the Pilot

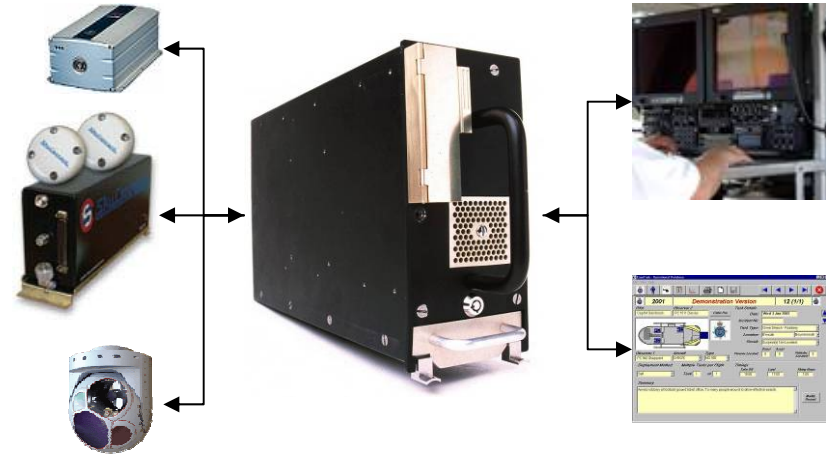


THE FOLLOWING NOTES HELP YOU TO CONFIRM YOUR SELECTION

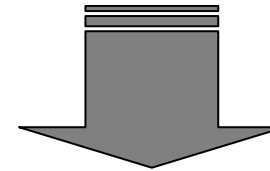
Observer [OB2000] & Sentinel [OB3000]

• OB2000 ~ Observer MKIII

- **MULTI** Workstation Navigator
- Supports Multiple Map Types
- Supports Multiple Camera Types
- Supports Maritime Radar
- Supports AIS & DF Interfaces
- Supports Multiple Data Sets
- Supports SATCOM Data
- Supports Ground Station I/O

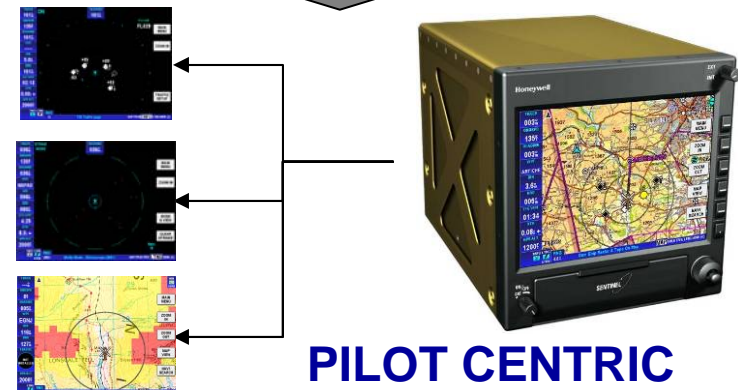


MISSION CENTRIC



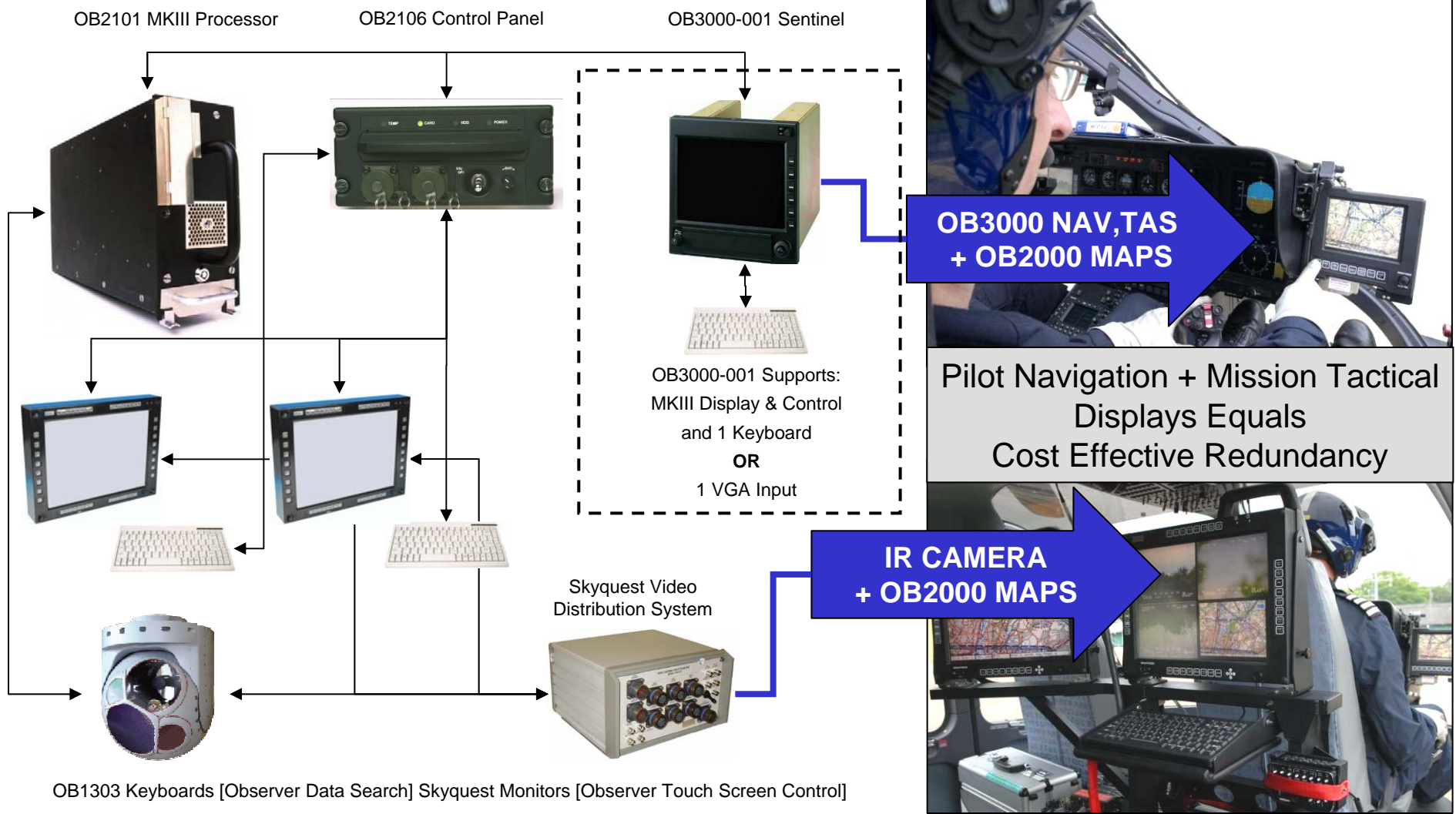
• OB3000 ~ Sentinel

- **SINGLE** Point VFR Navigation
- Traffic, Stormscope & Relative Terrain
- Raster Standard 1:500K Aero Charts
- Pre-defined Database Search Format
- Limited Video image Mix/Switch Capability
- Repeater for Observer System Output
- NVG Capable Display and Dimming



PILOT CENTRIC

Integrated [OB2000] & [OB3000] System



Observer [OB2000] & Sentinel [OB3000]

FEATURE SUMMARY	OBSERVER	SENTINEL
MISSION SPECIFIC		
Multi-Workstation Support	✓	N/A
Split Screen*	✓	✓
NVG Compatible Equipment	✓	✓
Multi-sensor Fusion, i.e. Control & Display of:	✓	N/A
Stolen Vehicle Recovery (Tracker, Lo-Jack)	✓	N/A
SAR / Direction Finding Antenna	✓	N/A
Maritime Transponder	✓	N/A
Search Radar	✓	N/A
Surveillance Cameras	✓	N/A
Map Capability & Storage Capacity	80GB	30GB
Aeronautical charts (e.g. Sectional, ICAO)	✓	✓
1:50,000 Area Mapping	✓	✓
1:10,000 Area Mapping	✓	N/A
Street Name [Major Road Overflown]	✓	✓
Principal Landmarks	✓	✓
Address Search	✓	N/A
Custom Charts & Maps	✓	N/A
Satellite Imagery	✓	N/A
Datalink SATCOM [Skyconnect or Equivelent]*	✓	✓*
Operational Data Storage [On/Off Scene etc.]	✓	N/A
Ground Station Asset Management Package	✓	N/A

FEATURE SUMMARY	OBSERVER	SENTINEL
AVIATION SPECIFIC		
Mission Mode, IFR/VFR Terrain Map Modes	✓	✓
Camera Point of Impact Overlays	✓	N/A
TCAS/TAS/TIS	✓*	✓
Graphical Terrain [Terrain Shading]	✓*	✓
Standard Flight Planning	✓	✓
Waypoints with Images	✓	N/A
XM weather (or other ground-based Wx)*	✓*	✓*
Approach Plates*	✓*	✓*
Relative Terrian	✓*	✓
Stormscope Display	✓*	✓
Checklist Options	✓*	✓
Flight Recording [Time, Position, Speed etc.]	✓	✓
Jeppesen Flight Star Interface	✓*	✓
Certified Systems [ETSO/TSO]	DO160D	DO160E
Software Code Level RTCA DO178 (Level D)	✓	✓
CUSTOMER SUPPORT		
Extended Warranty Options [HAPP]	✓	✓
Exchange Upgrade Packages	✓	✓
Training [On Site]	✓	✓
Web Based Technical Data Support	✓	✓
Data Base Update Service	✓	✓

The above table summarises the different feature sets of the Sentinel and Observer Systems Running V4.0 Code (items * are Growth Features)

Observer [OB2000] & Sentinel [OB3000]

OBSERVER CUSTOMER

- Helicopter New or <5Yrs old
- 3~6+ Ton Twin Turbine
 - EC135, EC145, S61, S76
- Fixed Wing New or Refurbished
 - BN Defender, Nimrod, C414
- Mixed IFR & VFR Operations
- Multi-Crew with Mission Specialist
- Sensor Fusion Required
- Rapid Re-tasking to Ground Locations

SENTINEL CUSTOMER

- Helicopter & Fixed Wing
 - EC120 Upwards in Weight
 - Light Twins e.g. Islander,
- Predominantly VFR operations
- Single Pilot Operations
- Mapping quality is the Driver
- No mission sensor fusion
- Observer Interface for Pilot
- Possible NVG cockpit requirement

SUMMARY

- If Mission is single pilot low level VFR to off airfield locations, e.g. Medivac, Executive or Utility choose the **Sky Sentinel**
- If your Mission is multi-crew and requires sensor fusion e.g. Search & Rescue or Security Surveillance choose the **Observer MKIII**
- If your Mission requires the Pilot to access the Mission Data AND have a Standalone Navigation Capability then **OB2000+OB3000** is the cost effective solution

Costs [OB2000] & [OB3000] System List

- NOTES:** All Pricing Data Shown hereafter is subject to conformation with the factory. Lead times are currently 12~20 Weeks for an Observer System, Sentinel will be available in Q4/07 and is expected to be a 4 week lead time item. Dollar Pricing is shown as indicative at 1.95, all prices on invoices are in (£) Sterling and subject to shipping at cost, price is ex-works.

ITEM	DESCRIPTION	PART No.	NOTES	QTY/PER	LIST	TOTAL	\$	
	OBSERVER SYSTEM						1.95	
1	Processor	OB2101-003	Supports V3 & V4 Software	1	£ 19,600	£ 19,600	\$ 38,220	
2	Hard Drive Data Cartridge [80GB]	OB2111-301	Standard European 1:500K Jeppesen Charts*	1	£ 3,500	£ 3,500	\$ 6,825	
3	Installation Kit & Processor Rack	OB2109-002	Rack & Connectors	1	£ 3,350	£ 3,350	\$ 6,533	
4	Control Panel	OB2106-001	Standard Control Panel	1	£ 3,085	£ 3,085	\$ 6,016	
5	Remote Controller	OB1303-003	Front Crew Station	1	£ 775	£ 775	\$ 1,511	
6	Keyboard	OB1305-001	Operator Console	2	£ 185	£ 370	\$ 722	
	MULTI-FUNCTION MONITORS							
7	Skyquest 18 Inch QUAD (Recommended)	N/A	BUYER FURNISHED EQUIPMENT	3*	£ -	£ -	\$ -	
		SINGLE NON NVG OBSERVER SYSTEM					£ 30,680	\$ 59,826

NOTES: Hard Drive Data Cartridge can be configured to meet end user requirements, costs provided on sight of data package.

ITEM	DESCRIPTION	PART No.	NOTES	QTY/PER	LIST	TOTAL	\$
	SENTINEL SYSTEM						1.95
1	Multi Function Display [6.5 VGA]	OB3000-001	Navigation, Control & Display System	1	£ 7,500	£ 7,500	\$ 14,625
2	NVG Multi Function Display [6.5 VGA]	OB3000-002	NVG Navigation, Control & Display System	1	£ 9,995	£ 9,995	\$ 19,490
3	Remote Navigation Processor	OB3000-009	Navigation & Control System [VGA Output]	1	£ 6,995	£ 6,995	\$ 13,640

NOTES: Compact Flash supplied with either European 1:500K in Jeppesen format or FAA Sectional & Terminal Formats

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