

OPERATIONS INFORMATION LETTER (OIL) 2/2006 Rev. 2

EU-OPS 1 AND JAR-OPS 3 SUB-PARTS K AND L AND NATIONAL REQUIREMENTS COMPLIANCE DOCUMENT

Background

An EU-OPS 1 or JAR-OPS AOC holder is required to comply with the instruments and equipment requirements of Sub-part K, and the communication and navigation equipment requirements of Sub-part L contained in either EU-OPS 1 or JAR-OPS 3. Each operator should be able to demonstrate, from the available aircraft records (manufacturers and subsequent modifications), how compliance with either EU-OPS 1 or JAR-OPS 3 Sub-part K and L and National Requirements is achieved for each individual aircraft that he operates.

The Austro Control Department Airworthiness/Certification, Operations and Technical Organisations (AOT) surveyor verifies that an aircraft is in conformity with type design requirements, but does not determine equipment complement and compliance. Furthermore, it is not considered practical for a flight operations inspector, during ramp or flight inspections, to conduct verification samples on individual aircraft without this information having been drawn together in a composite document which specifies how compliance is achieved. Without a compliance document, therefore, an operator will have difficulty demonstrating compliance.

EU-OPS 1 and JAR OPS 3 Sub-Parts K and L Compliance Document

With effect from July 2008, operators should hold a controlled document for each aircraft on their fleet that provides a compliance statement against each requirement in either EU-OPS 1 or Jar-OPS 3 Sub-part K and L and National Requirements as appropriate. Such documents should be available on request to flight operations inspectors and surveyors during their audits to enable compliance to be sampled. These documents are also expected to be available to surveyors immediately prior to Certificate of Airworthiness issue or prior intended Commercial Operation. The compliance document can be fleet specific and variations within that fleet covered by a change supplement for individual aircraft.

A suggested format for the compliance document containing examples is attached at Appendix A, and skeleton compliance documents for EU-OPS 1 and JAR-OPS 3 Sub-parts K and L are attached at Appendix B and Appendix C to this **OPERATIONS INFORMATION LETTER**. While the suggested format of the document containing the examples is not rigidly enforced, the content and detail is the minimum requirement.

Appendices

- Appendix A: Example Statement of Compliance Form with EU-OPS 1 Sub-Part K and L for a sample XXX Aeroplane
- Appendix B: Example Statement of Compliance Form with JAR-OPS 3 Sub-Part K and L for a sample XXX Helicopter
- Appendix C: Statement of Compliance Form with EU-OPS 1 Sub-Part K and L for Aeroplane
- Appendix D: Statement of Compliance Form with JAR-OPS 3 Sub-Part K and L for Helicopter

**EXAMPLE STATEMENT OF COMPLIANCE FORM WITH EU-OPS 1 SUB-PART K AND L
FOR XXXXX XXX-XXX AEROPLANE**

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
1.630	General introduction	Equipment minimum performance standards as prescribed in European technical standard Orders (ETSO) as listed on European Technical Standard Orders (C-TSO) and CS 25	General OM/B part 12.
1.635	Circuit protection devices	Standard equipment certified under qualification of CS-25 requirements.	OM/B part 12 chapter 2 page 8. Description and storage place for use in flight, amount and number of fuses.
1.640	Aeroplane operating lights	Standard equipment certified under qualification of CS-25 requirements.	OM/B part 12 chapter 3 page 6.
1.645	Windshield wipers	Not installed	Alternative windshield rain removal system chapter 10 page 4.
1.652	IFR or night operations – Flight and navigational instruments and associated equipment	Additional to VFR operations, two sensitive pressure altimeter with counterdrum-pointer, airspeed indication system with heated pitot tubes and indication of heating failure,	General OM/B part 12.
1.655	Additional equipment for single pilot operation under IFR	Autopilot with at least altitude holding, heading mode.	General OM/B part 12.
1.660	Altitude alerting system	Alerting upon reaching preselected altitude and aural signal when deviating	OM/B part 12 chapter 16 page 10
1.665	Ground proximity warning system and terrain awareness warning system	Warnings for sinkrate, ground proximity, altitude loss after T/O or Go Around, incorrect landing configuration, glide slope deviation	OM/B part 12 chapter 16 page 40.

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
1.715	Flight data recorders - 1	A TSO-124 an approved Solid State Flight Data Recorder (SSFDR) with Underwater Locator Beacon (ULB) is installed. The survivability of memory protection meets the EUROCAE 56 specifications. The 18-megabyte memory stores and holds the last 25 hours of operation and a FDR dedicated impact switch is installed to remove the power on aircraft crash. To meet the CS requirement, parameters 1 to 7 of EUROCAE 55 table A1.1 and parameters 6 to 15 of table A1.5 are recorded.	OM/B part 12 chapter 16 page 3. Including description for pilots in case of need to save data.
1.720	Flight data recorders – 2	N/A	N/A
1.725	Flight data recorders – 3	N/A	N/A
1.730	Seats, seat safety belts, harnesses and child restraint devices	All passenger seats and crewmember seats are provided with approved safety belts and shoulder harnesses certified under qualification standards of TSO C-22f and CS-25 requirements.	OM/B part 12 chapter 2 page 25. Refere also flight safety manual chapter 4 page 7.
1.731	Fasten Seat Belt and No Smoking signs	There are visible “Fasten Seat Belts” and “No Smoking” signs installed for each seated passenger. These signs are illuminated and can be operated by the pilots from the flight deck.	OM/B part 12 chapter 3 page 4. Refere also flight safety manual chapter 4 page 7.

**EXAMPLE STATEMENT OF COMPLIANCE FORM WITH JAR-OPS 3 SUB-PART K AND L
FOR XXXXX XXX-XXX HELICOPTER**

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operational
3.630	General introduction	Equipment minimum performance standards as prescribed in European technical standard Orders (ETSO) as listed on European Technical Standard Orders (C-TSO)	
3.640	Helicopter operating lights	Standard equipment certified under qualification of CS-27 requirements.	RFM chapter 7 page 13
3.647	Equipment for operations requiring a radio communication and/or radio navigation system	Standard equipment certified under qualification of CS-27 requirements.	RFM chapter 7 page 10
3.650	Day VFR operations – Flight and navigational instruments and associated equipment	Standard equipment certified under qualification of CS-27 requirements.	OM/B part 12 page 23
3.652	IFR or night operations – Flight and navigational instruments and associated equipment	Standard equipment certified under qualification of CS-27 requirements.	OM/B part 12 page 24
3.655	Additional equipment for single pilot operation under IFR	N/A	N/A
3.660	Radio altimeters	N/A	N/A
3.670	Airborne weather radar equipment	N/A	N/A
3.675	Equipment for operations in icing conditions	N/A	N/A

Appendix C

**STATEMENT OF COMPLIANCE FORM WITH EU-OPS 1 SUB-PART K AND L
FOR XXXXX XXX-XXX AEROPLANE**

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
1.630	General introduction		
1.635	Circuit protection devices		
1.640	Aeroplane operating lights		
1.645	Windshield wipers		
1.650	Day VFR operations – Flight and navigational instruments and associated equipment		
1.652	IFR or night operations – Flight and navigational instruments and associated equipment		
1.655	Additional equipment for single pilot operation under IFR		
1.660	Altitude alerting system		
1.665	Ground proximity warning system and terrain awareness warning system		
1.668	Airborne collision avoidance system		
1.670	Airborne weather radar equipment		
1.675	Equipment for operations in icing conditions		
1.680	Cosmic radiation detection equipment		
1.685	Flight crew interphone system		

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
1.690	Crew member interphone system		
1.695	Public address system		
1.700	Cockpit voice recorders - 1		
1.705	Cockpit voice recorders - 2		
1.710	Cockpit voice recorders - 3		
1.715	Flight data recorders – 1		
1.720	Flight data recorders – 2		
1.725	Flight data recorders – 3		
1.727	Combination Recorder		
1.730	Seats, seat safety belts, harnesses and child restraint devices		
1.731	Fasten Seat Belt and No Smoking signs		
1.735	Internal doors and curtains		
1.745	First-Aid kits		
1.755	Emergency Medical Kit		
1.760	First Aid Oxygen		
1.770	Supplemental oxygen – pressurised aeroplanes		
1.775	Supplemental oxygen – non pressurised aeroplanes		
1.780	Crew Protective breathing equipment		

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
1.790	Hand fire extinguishers		
1.795	Crash axes and crowbars		
1.800	Marking of break-in points		
1.805	Means of emergency evacuation		
1.810	Megaphones		
1.815	Emergency lighting		
1.820	Emergency locator transmitter		
1.825	Life jackets		
1.830	Life-rafts and survival ELTs for extended overwater flights		
1.835	Survival equipment		
1.840	Seaplanes and amphibians – Miscellaneous equipment		
1.845	General Information		
1.850	Radio equipment		
1.855	Audio selector panel		
1.860	Radio equipment for operations under VFR over routes navigated by reference to visual landmarks		

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
1.865	Communication and navigation equipment for operations under IFR, or under VFR over routes not navigated by reference to visual landmarks		
1.866	Transponder equipment		
1.870	Additional navigation equipment for operations in MNPS airspace		
1.872	Equipment for operation in defined airspace with Reduced Vertical Separation Minima (RVSM)		

National Requirement (if applicable to type)	Title	Method of Compliance Airworthiness	Method of Compliance Operational

Appendix D

**STATEMENT OF COMPLIANCE FORM WITH JAR-OPS 3 SUB-PART K AND L
FOR XXXXX XXX-XXX HELICOPTER**

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
3.630	General introduction		
3.640	Helicopter operating lights		
3.647	Equipment for operations requiring a radio communication and/or radio navigation system		
3.650	Day VFR operations – Flight and navigational instruments and associated equipment		
3.652	IFR or night operations – Flight and navigational instruments and associated equipment		
3.655	Additional equipment for single pilot operation under IFR		
3.660	Radio altimeters		
3.670	Airborne weather radar equipment		
3.675	Equipment for operations in icing conditions		
3.685	Flight crew interphone system		
3.690	Crew member interphone system		
3.695	Public address system		
3.700	Cockpit voice recorders – 1		
3.705	Cockpit voice recorders - 2		

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
3.715	Flight data recorders – 1		
3.720	Flight data recorders – 2		
3.730	Seats, seat safety belts, harnesses and child restraint devices		
3.731	Fasten Seat Belt and No Smoking signs		
3.745	First-Aid kits		
3.775	Supplemental oxygen – nonpressurised helicopters		
3.790	Hand fire extinguishers		
3.800	Marking of break-in points		
3.810	Megaphones		
3.815	Emergency lighting		
3.820	Automatic emergency locator transmitter		
3.825	Life jackets		
3.827	Crew Survival suits		
3.830	Life-rafts and survival ELTs for extended overwater flights		
3.835	Survival equipment		
3.837	Additional requirements for helicopters operating to or from helidecks located in a hostile sea area		

Requirement	Title	Method of Compliance Airworthiness	Method of Compliance Operations
3.840	Helicopters certified for operating on water – miscellaneous equipment		
3.843	All helicopters on flights over water - ditching		
3.845	General introduction		
3.850	Radio equipment		
3.855	Audio selector panel		
3.860	Radio equipment for operations under VFR over routes navigated by reference to visual landmarks		
3.865	Communication and navigation equipment for operations under IFR, or under VFR over routes not navigated by reference to visual landmarks		

National Requirement (if applicable to type)	Title	Method of Compliance Airworthiness	Method of Compliance Operational