

FIELD SERVICE SECTOR

Review of *Aircraft Operation* unit standards

Subfield	Domain	Id
Aviation	Aircraft Operation	15030-15036, 16319

The Aviation, Tourism and Travel Training Organisation (ATTTO) has completed the review of the unit standards listed above.

Date new versions published

March 2007

Planned review date

December 2011

Summary of review and consultation process

The ATTTO carried out the review of the above unit standards following indications from industry that there was a need to standardise the format of the unit standards to comply with the requirements of the Civil Aviation Authority (CAA). Therefore, in conjunction with experts from within CAA, a review was initiated by the ATTTO. The expert panel was selected to determine the skills and knowledge required for the Aircraft Operation domain, discuss whether the existing unit standards were still fit for purpose, and to identify any gaps where further unit standards needed to be developed.

Drafts of new unit standards were circulated, through the expert panel, to wider industry for feedback. All feedback was considered, and where appropriate, incorporated into the unit standards; the CAA then endorsed these. The review was used to address issues of currency and accuracy.

This was the first stage of the Aircraft Operation domain review and covered unit standards required for a private pilot's licence. This review was in preparation for the development of a National Certificate in Aviation (Private Pilot) qualification.

Main changes resulting from the review

The review process has resulted in the following changes to the unit standards:

- Unit standards 15033 and 15035 have been replaced by a combined technical knowledge and principles of flight unit standard (23431), covering fixed wing, in line with the CAA syllabus.
- A new rotary wing unit standard (23432) has been developed to complement unit standard 23431.
- Unit standards 15030-15032, 15034, and 15036 have been replaced to align with the CAA syllabus, to better represent industry requirements.
- Unit standards 23429 and 23430 have been developed to replace unit standard 16319, to better represent industry requirements.
- Unit standards 23433, 23434, and 23435 have been developed to better represent industry requirements, and fill gaps in the knowledge and skills base.

Unit standards categorised as category C expire at the end of December 2008.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

None.

Summary of main changesAll changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same Id and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same Id and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new Id
D	Standard will expire and not be replaced

Subfield Aviation
Domain Aircraft Operation

Id	Title	Level	Credit	Review Category
15030	Demonstrate knowledge and use of flight radio for pilots	2	3	C
23424	Demonstrate knowledge and use of flight radiotelephony for private aircraft operations	3	3	
15031	Demonstrate knowledge of human factors for visual flight of single pilot aircraft	2	3	C
23425	Demonstrate knowledge of human factors for private aircraft operations	3	5	
15032	Demonstrate knowledge of navigation and flight planning for private aircraft operations	2	5	C
23426	Demonstrate knowledge of air navigation and flight planning for private aircraft operations	3	5	
15033	Demonstrate technical knowledge of piston engined aircraft used in private aircraft operations	2	5	C
15035	Demonstrate knowledge of principles of flight and performance for private aircraft operations	2	5	
23431	Demonstrate aircraft technical knowledge and principles of flight for private aircraft operations	3	10	
15034	Demonstrate knowledge of air law for private aircraft operations	2	5	C
23427	Demonstrate knowledge of air law for private aircraft operations	3	5	

Id	Title	Level	Credit	Review Category
15036	Demonstrate knowledge of meteorology for private aircraft operations	2	3	C
23428	Demonstrate knowledge of meteorology for private aircraft operations	3	5	
16319	Demonstrate flying skills for a private pilot's licence	4	7	C
23429	Demonstrate flying skills for a private pilot's licence (aeroplane)	4	6	
23430	Demonstrate flying skills for a private pilot's licence (rotary)	4	6	
23432	Demonstrate helicopter technical knowledge and principles of flight for private helicopter operations	3	10	New
23433	Demonstrate flying skills to enable first solo flight	4	4	New
23434	Demonstrate instrument flying skills for a private pilot's licence	4	2	New
23435	Demonstrate cross-country navigation skills for a private pilot's licence	4	3	New