

Luftfartstilsynet  
1. tilsynsavdeling  
Postboks 8050 Dep., 0031 Oslo  
Besøksadresse:  
Rådhusgata 2, Oslo  
Telefon : 23 31 78 00  
Telefax : 23 31 79 96  
e-post: postmortak@caa.dep.no

# LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

SKYFORCE  
AVIONICS - 001

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Med hjemmel om lov om luftfart av 11. juni 1993 kap. IV § 4-1 og kap. XV § 15-4, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

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## 2000-004 UTSKIFTING AV BATTERI

### Påbudet gjelder:

Skyforce Avionics Skymap and Tracker II units Modell Nos. SM2000 og TR2000.

### Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av CAA AD 005-10-99.

### Tid for utførelse:

Til de tider som beskrevet i vedlagte kopi av DGAC AD CAA AD 005-10-99, med virkning fra denne LDP's gyldighetsdato.

### Referanse:

CAA AD 005-10-99.

### Gyldighetsdato:

2000-01-01.

CAA AIRWORTHINESS DIRECTIVE 005-10-99

APPLICABILITY Skyforce Avionics Skymap and Tracker II units Model Nos. SM2000 and TR2000.

SUBJECT - DESCRIPTION Batteries.

COMPLIANCE - REQUIREMENT (SUMMARY) Compliance is required with items 1 and 2 of the Action paragraph of Skyforce Avionics Alert Service Bulletin TRSY037C before the next flight after receipt of the bulletin. The Alert Service Bulletin requires the immediate removal of Nickel Metal Hydride rechargeable batteries and Lithium batteries from units and gives instructions on the use of Alkaline or NiCad batteries. This action is required because recently it has been found that certain types of Nickel Metal Hydride batteries when exposed to temperatures in excess of forty degrees Centigrade may reverse polarity and produce a high voltage capable of generating high temperatures. This can in some instances, result in fracture of the retaining case of the battery and/or rapid discharge in reverse through the electrical circuit to which it is connected causing damage to the main circuit board of the SM2000 and TR2000. Further research has indicated that many NiCad batteries may also be susceptible to similar problems as the majority of commercially available batteries are only certified for use to forty degrees Celsius. The other battery type that is currently not authorised for use on aircraft, unless specifically approved by the UK CAA, is Lithium Cells, accordingly large capacity Lithium cells must not be used in the SM2000 and TR2000.

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