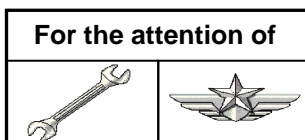


SAFETY INFORMATION NOTICE

SUBJECT: GENERAL

Recommendations regarding portable Ground Power Units (GPU) containing Lithium Ion batteries



AIRCRAFT CONCERNED	Version(s)	
	Civil	Military
AS350	B, BA, BB, B1, B2, B3, D	L1
AS550		A2, C2, C3, U2
AS355	E, F, F1, F2, N, NP	
AS555		AF, AN, SN, UF, UN, AP
EC130	B4, T2	
BO105	C (C23, CB, CB-4, CB-5), D (DB, DBS, DB-4, DBS-4, DBS-5), S (CS, CBS, CBS-4, CBS-5), LS A-3	CBS-5 KLH, E-4
MBB-BK117	A-1, A-3, A-4, B-1, B-2, C-1, C-2, C-2e, D-2, D-2m	D-2m
EC135	T1, T2, T2+, T3, P1, P2, P2+, P3, 635 T1, 635 T2+, 635 T3, 635 P2+, 635 P3	
EC135H	T3H, P3H, 635 T3H, 635 P3H	

Purpose: This Safety Information Notice (SIN) is to remind operators of the proper use of portable GPUs containing Lithium Ion batteries. Operators should also be aware of the dangers associated with the use, storage, and carriage of Portable GPUs containing Lithium batteries aboard aircraft.

Existing publications:

The Federal Aviation Administration (FAA) and the European Air Safety Agency (EASA) have issued several Safety Alerts for Operators (SAFO) and Safety Information Bulletins (SIB) regarding Lithium Batteries.

FAA published:

- SAFO 10017 ([LINK](#)) Risks in Transporting Lithium Batteries in Cargo by Aircraft, dated 08/10/2010,
- SAFO 15010 ([LINK](#)), Carriage of Spare Lithium Batteries in Carry-on & Checked Baggage, dated 08/10/2015,
- and SAFO 16001 ([LINK](#)), Risks of Fire or Explosion when Transporting Lithium Ion or Lithium Metal Batteries as Cargo on Passenger and Cargo Aircraft, dated 19/01/2016.

EASA published:

- SIB 2015-19 ([LINK](#)), Transport of Lithium Batteries as Cargo by Air, dated 05/10/2015,
- SIB 2017-01 ([LINK](#)), Safety Precautions regarding the Transport by Air of Damaged, Defective or Recalled Lithium Batteries,
- and a dangerous goods reminder ([LINK](#)).

These SAFOs and SIBs include safety information and recommended actions. All are linked to the wider ICAO recommendations on dangerous goods, which include lithium batteries.

Recommendations & cautions:

Portable GPUs are light weight Lithium ION Batteries. Operators should have a thorough understanding of the aircraft's electrical system and its compatibility with the GPUs in use. Portable GPUs should only be used for what they are certified for: ground operations.

- Charging: Serious electrical system damage or fire may occur in the event of improper use or inadequate charging of the GPU. Portable GPUs must in no case be plugged into aircraft electrical ports for charging, including during ground operations and during flight.
- Transport: Portable GPUs must be stowed during transport. Airbus Helicopters also recommends that portable GPUs not be transported in any compartments where the device cannot be accessed. When the Portable GPU is transported, it must be securely stowed in a proper container in a temperature controlled environment as outlined in the recommended guidelines established in SAFOs 16001 and 15010. In addition, operators should understand the risks associated with the transport of Lithium ION batteries as cargo and the restrictions associated with the simultaneous transport of passengers.



Example of Portable GPU