
STATUTORY INSTRUMENTS

2021 No. 792

The Space Industry Regulations 2021

PART 8

Safety of operator's spaceflight activities

CHAPTER 4

Other safety requirements

SECTION 3

Requirements about specific safety roles

Responsibilities of the safety manager

86.—(1) Where an operator's spaceflight activities are authorised by a launch operator licence, the spaceflight operator must ensure that the safety manager—

- (a) reports directly to the accountable manager,
- (b) has a duty to inform that manager and the launch director of all safety concerns relating to the operator's spaceflight activities, including any such concerns reported to the safety manager by a member of the operating staff, before a launch and during any other part of those activities, and
- (c) is able to communicate directly with the launch director at all reasonable times.

(2) Where an operator's spaceflight activities are authorised by a return operator licence, the spaceflight operator must ensure that the safety manager—

- (a) reports directly to the accountable manager, and
- (b) has a duty to inform that manager of all safety concerns relating to the operator's spaceflight activities, including any such concerns reported to the safety manager by a member of the operating staff, before those activities commence and during any part of those activities.

(3) The safety manager must record in writing safety concerns referred to in paragraphs (1)(b) or (2)(b) and how those concerns are addressed.

Responsibilities of the accountable manager

87.—(1) A spaceflight operator must ensure that the accountable manager has a duty to address all safety concerns relating to the operator's spaceflight activities reported to that manager—

- (a) where the operator's spaceflight activities are authorised by a launch operator licence, before a launch and during any part of those activities, or
- (b) where the operator's spaceflight activities are authorised by a return operator licence, before those activities commence and during any part of those activities.

(2) The accountable manager must record in writing safety concerns referred to in paragraph (1) and how those concerns are addressed.

Responsibilities of the launch director

88. Where an operator's spaceflight activities are authorised by a launch operator licence—

- (a) the spaceflight operator must ensure that the launch director—
 - (i) has a duty to check that all safety concerns relating to the operator's spaceflight activities reported to that director have been addressed before a launch, and
 - (ii) is present at a mission management facility or ground control at the spaceport or other place during the operator's spaceflight activities;
- (b) the launch director must record in writing safety concerns referred to in paragraph (a)(i) and how those concerns are addressed.

Flight termination personnel

89. A spaceflight operator must—

- (a) if the launch vehicle has a flight safety system and that system is not autonomous, appoint flight termination personnel,
- (b) ensure that such flight termination personnel are present at a mission management facility or ground control at the spaceport or other place during a flight,
- (c) ensure that such flight termination personnel have the information which is necessary for such personnel to determine whether the flight safety system for which they are responsible is ready to be used,
- (d) ensure that such flight termination personnel make a flight termination decision in the interests of the spaceflight operator's safety duty and not for any other reasons, and
- (e) authorise such flight termination personnel to make a flight termination decision without a requirement for approval from, or interference by, any other operating staff including, where the operator's spaceflight activities are authorised by a launch operator licence, the launch director.