
STATUTORY INSTRUMENTS

2009 No. 3015

The Air Navigation Order 2009

PART 20

Fatigue of Crew and Protection of Crew from Cosmic Radiation

Protection of air crew from cosmic radiation

148.—(1) A relevant undertaking must take appropriate measures to—

- (a) assess the exposure to cosmic radiation when in flight of those air crew who are liable to be subject to cosmic radiation in excess of 1 milliSievert per year;
- (b) take into account the assessed exposure when organising work schedules with a view to reducing the doses of highly exposed air crew; and
- (c) inform the workers concerned of the health risks their work involves.

(2) A relevant undertaking must ensure that in relation to a pregnant air crew member, the conditions of exposure to cosmic radiation when she is in flight are such that the equivalent dose to the foetus will be as low as reasonably achievable and is unlikely to exceed 1 milliSievert during the remainder of the pregnancy.

(3) Nothing in paragraph (2) requires the undertaking concerned to take any action in relation to an air crew member until she has notified the undertaking in writing that she is pregnant.

(4) The definition in article 255 of ‘crew’ does not apply for the purposes of this article.

(5) In this article—

- (a) ‘air crew’ has the same meaning as in article 42 of Council Directive 96/29/ Euratom of 13th May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation⁽¹⁾;
- (b) ‘undertaking’ includes a natural or legal person and ‘relevant undertaking’ means an undertaking established in the United Kingdom which operates aircraft but does not include an EU-OPS operator;
- (c) ‘highly exposed air crew’ and ‘milliSievert’ have the same respective meanings as in article 42 of Council Directive 96/29/Euratom; and
- (d) ‘year’ means any period of twelve months.

(1) O.J. No. L 159, 29.6.96, p.1.