

(d) Comprehensive general and motor vehicle liability policies shall contain a provision worded as follows:

“The insurance company waives any right of subrogation against the United States of America which may arise by reason of any payment under the policy.”

(e) When aircraft are used in connection with performing the contract, aircraft public and passenger liability insurance of at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.

(End of clause)

**1852.228-76 Cross-waiver of liability for space station activities.**

As prescribed in 1828.371(d) and (e), insert the following clause:

CROSS-WAIVER OF LIABILITY FOR SPACE STATION ACTIVITIES (DEC 1994)

(a) The Intergovernmental Agreement for the Space Station contains a broad cross-waiver provision to encourage participation in the exploration and use of outer space through the Space Station. The purpose of this clause is to extend this cross-waiver requirement to Contractors and subcontractors as related entities of NASA. This cross-waiver of liability shall be broadly construed to achieve this objective of encouraging participation in space activities.

(b) As used in this clause, the term:

(1) *Damage* means:

(i) Bodily injury to, or other impairment of health of, or death of, any person;

(ii) Damage to, loss of, or loss of use of any property;

(iii) Loss of revenue or profits; or

(iv) Other direct, indirect, or consequential damage.

(2) *Launch Vehicle* means an object (or any part thereof) intended for launch, launched from Earth, or returning to Earth which carries payloads or persons, or both.

(3) *Partner State* means each contracting party for which the “Agreement among the Government of the United States of America, Governments of Member States of the European Space Agency, Government of Japan, and the Government of Canada on Cooperation in the Detailed Design, Development, Operation, and Utilization of the Permanently Manned Civil Space Station” (the “Intergovernmental Agreement”) has entered into force, in accordance with Article 25 of the Intergovernmental Agreement, and also includes any future signatories of the Intergovernmental Agreement. It includes the Cooperating Agency of a Partner State.

The National Aeronautics and Space Administration (NASA) for the United States, the Canadian Space Agency (CSA) for the Government of Canada, the European Space Agency (ESA) and the Science and Technology Agency of Japan (STA) are the Cooperating Agencies responsible for implementing Space Station cooperation. A Partner State also includes any entity specified to the Memorandum of Understanding (MOU) between NASA and the Government of Japan to assist the Government of Japan Cooperating Agency in the implementation of that MOU.

(4) *Payload* means all property to be flown or used on or in a launch vehicle or the Space Station.

(5) *Protected Space Operations* means all launch vehicle activities, space station activities, and payload activities on Earth, in outer space, or in transit between Earth and outer space performed in furtherance of the Intergovernmental Agreement or performed under this contract. “Protected Space Operations” also includes all activities related to evolution of the Space Station as provided for in Article 14 of the Intergovernmental Agreement. “Protected Space Operations” excludes activities on Earth which are conducted on return from the Space Station to develop further a payload’s product or process except when such development is for Space Station-related activities in implementation of the Intergovernmental Agreement or in performance of this contract. It includes, but is not limited to:

(i) Research, design, development, test, manufacture, assembly, integration, operation, or use of launch or transfer vehicles, payloads, related support equipment, and facilities and services;

(ii) All activities related to ground support, test, training, simulation, or guidance and control equipment and related facilities or services.

(6) *Related entity* means:

(i) A Partner State’s Contractors or subcontractors at any tier;

(ii) A Partner State’s users or customers at any tier; or

(iii) A Contractor or subcontractor of a Partner States’s user or customer at any tier.

(7) *Contractors* and *Subcontractors* include suppliers of any kind.

(c) (1) The Contractor agrees to a cross-waiver of liability pursuant to which the Contractor waives all claims against any of the entities or persons listed in paragraphs (c)(1)(i) through (c)(1)(iii) of this clause based on damage arising out of Protected Space Operations. This waiver shall apply only if the person, entity, or property causing the damage is involved in Protected Space Operations and the person, entity, or property damaged is damaged by virtue of its involvement in Protected Space Operations. The

cross-waiver shall apply to any claims for damage, whatever the legal basis for such claims, including but not limited to delict (a term used in civil law countries to denote a class of cases similar to tort) and tort (including negligence of every degree and kind) and contract against:

(i) Any Partner State other than the United States;

(ii) A related entity of any Partner State other than the United States; and

(iii) The employee of any of the entities identified in paragraphs (c)(1) (i) and (ii) of this clause.

(2) The Contractor agrees to extend the waiver of liability as set forth in paragraph (c)(1) of this clause to subcontractors at any tier by requiring them, by contract or otherwise, to agree to waive all claims against the entities or persons identified in paragraphs (c)(1)(i) through (c)(1)(iii) of this clause.

(3) For avoidance of doubt, this cross-waiver includes a cross-waiver of liability arising from the Convention on International Liability for Damage Caused by Space Objects, (March 29, 1972, 24 United States Treaties and other International Agreements (U.S.T.) 2389, Treaties and other International Acts Series (T.I.A.S.) No. 7762) in which the person, entity, or property causing the damage is involved in Protected Space Operations.

(4) Notwithstanding the other provisions of this clause, this cross-waiver of liability shall not be applicable to:

(i) Claims between the United States and its related entities or claims between the related entities of any Partner State (e.g., claims between the Government and the Contractor are included within this exception);

(ii) Claims made by a natural person, his/her estate, survivors, or subrogees for injury or death of such natural person;

(iii) Claims for damage caused by willful misconduct; and

(iv) Intellectual property claims.

(5) Nothing in this clause shall be construed to create the basis for a claim or suit where none would otherwise exist.

(End of clause)

[59 FR 65730, Dec. 21, 1994]

**1852.228-78 Cross-waiver of liability for NASA expendable launch vehicle launches.**

As prescribed in 1828.371 (c) and (e), insert the following clause:

CROSS-WAIVER OF LIABILITY FOR NASA EXPENDABLE LAUNCH VEHICLE (ELV) LAUNCHES (SEP 1993)

(a) As prescribed by regulation (14 CFR part 1266), NASA agreements involving ELV

launches are required to contain broad cross-waivers of liability among the parties and the parties related entities to encourage participation in space exploration, use, and investment. The purpose of this clause is to extend this cross-waiver requirement to contractors and subcontractors as related entities of NASA. This cross-waiver of liability shall be broadly construed to achieve the objective of encouraging participation in space activities.

(b) As used in this clause, the term:

(1) *Contractors* and *Subcontractors* include suppliers of any kind.

(2) *Damage* means:

(i) Bodily injury to, or other impairment of health of, or death of, any person;

(ii) Damage to, loss of, or loss of use of any property;

(iii) Loss of revenue or profits; or

(iv) Other direct, indirect, or consequential damage;

(3) *Party* means a person or entity that signs an agreement involving an ELV launch;

(4) *Payload* means all property to be flown or used on or in the ELV; and

(5) *Protected Space Operations* means all ELV and payload activities on Earth, in outer space, or in transit between Earth and outer space performed in furtherance of an agreement involving an ELV launch or performed under the contract. "Protected Space Operations" excludes activities on Earth which are conducted on return from space to develop further a payload's product or process except when such development is for ELV-related activities necessary to implement an agreement involving an ELV launch or to perform this contract. It includes, but is not limited to:

(i) Research, design, development, test, manufacture, assembly, integration, operation, or use of ELVs, transfer vehicles, payloads, related support equipment, and facilities and services;

(ii) All activities related to ground support, test, training, simulation, or guidance and control equipment and related facilities or services.

(6) *Related entity* means:

(i) A party's Contractors or subcontractors at any tier;

(ii) A party's users or customers at any tier; and

(iii) A Contractor or subcontractor of a party's user or customer at any tier.

(c) (1) The Contractor agrees to a waiver of liability pursuant to which the Contractor waives all claims against any of the entities or persons listed in paragraphs (c)(1)(i) through (c)(1)(iii) of this clause based on damage arising out of Protected Space Operations. This waiver shall apply only if the person, entity, or property causing the damage is involved in Protected Space Operations and the persons, entity, or property