

²A launch site operator may use the equations below to determine permissible distance or quantity between the entries of table E–7:
 $W > 10,000 \text{ lbs}$ Distance = $24 * W^{1/3}$
 Where Distance is in ft and W is in lbs.

To calculate weight of hydrogen peroxide from a distance d:
 $d > 75 \text{ ft}$
 $W = \exp[-134.286 + 71.998 * (\ln(d)) - 12.363 * (\ln(d))^2 + 0.7229 * (\ln(d))^3]$

TABLE E–8—SEPARATION DISTANCE CRITERIA FOR STORAGE OF LIQUID HYDROGEN AND BULK QUANTITIES OF HYDRAZINE

Pounds of energetic liquid	Pounds of energetic liquid	Public area and intraline distance to incompatible energetic liquids	Intraline distance to compatible energetic liquids	Pounds of energetic liquid		Public area and intraline distance to incompatible energetic liquids	Intraline distance to compatible energetic liquids
				Over	Not Over		
100	200	600	35	60,000	70,000	1,200	130
200	300	600	40	70,000	80,000	1,200	130
300	400	600	45	80,000	90,000	1,200	135
400	500	600	50	90,000	100,000	1,200	135
500	600	600	50	100,000	125,000	1,800	140
600	700	600	55	125,000	150,000	1,800	145
700	800	600	55	150,000	175,000	1,800	150
800	900	600	60	175,000	200,000	1,800	155
900	1,000	600	60	200,000	250,000	1,800	160
1,000	2,000	600	65	250,000	300,000	1,800	165
2,000	3,000	600	70	300,000	350,000	1,800	170
3,000	4,000	600	75	350,000	400,000	1,800	175
4,000	5,000	600	80	400,000	450,000	1,800	180
5,000	6,000	600	80	450,000	500,000	1,800	180
6,000	7,000	600	85	500,000	600,000	1,800	185
7,000	8,000	600	85	600,000	700,000	1,800	190
8,000	9,000	600	90	700,000	800,000	1,800	195
9,000	10,000	600	90	800,000	900,000	1,800	200
10,000	15,000	1,200	95	900,000	1,000,000	1,800	205
15,000	20,000	1,200	100	1,000,000	2,000,000	1,800	235
20,000	25,000	1,200	105	2,000,000	3,000,000	1,800	255
25,000	30,000	1,200	110	3,000,000	4,000,000	1,800	265
30,000	35,000	1,200	110	4,000,000	5,000,000	1,800	275
35,000	40,000	1,200	115	5,000,000	6,000,000	1,800	285
40,000	45,000	1,200	120	6,000,000	7,000,000	1,800	295
45,000	50,000	1,200	120	7,000,000	8,000,000	1,800	300
50,000	60,000	1,200	125	8,000,000	9,000,000	1,800	305
				9,000,000	10,000,000	1,800	310

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PARTS 421–430 [RESERVED]

PART 431—LAUNCH AND REENTRY OF A REUSABLE LAUNCH VEHICLE (RLV)

Subpart A—General

- Sec.
- 431.1 Scope.
- 431.3 Types of reusable launch vehicle mission licenses.
- 431.5 Policy and safety approvals.
- 431.7 Payload and payload reentry determinations.
- 431.8 Human space flight.
- 431.9 Issuance of a reusable launch vehicle mission license.
- 431.11 Additional license terms and conditions.

- 431.13 Transfer of a reusable launch vehicle mission license.
- 431.15 Rights not conferred by a reusable launch vehicle mission license.
- 431.16–431.20 [Reserved]

Subpart B—Policy Review and Approval for Launch and Reentry of a Reusable Launch Vehicle

- 431.21 General.
- 431.23 Policy review.
- 431.25 Application requirements for policy review.
- 431.27 Denial of policy approval.
- 431.28–431.30 [Reserved]

Subpart C—Safety Review and Approval for Launch and Reentry of a Reusable Launch Vehicle

- 431.31 General.
- 431.33 Safety organization.