

2014
Malfunction/Abnormality Reporting System (MARS)
Review



2014 MARS Count

Malf/Problem	Count
Broken Cargo Static Line	1
AAD Problem	1
Cargo Chute Deployment	6
Cargo Rigging	2
Exits	3
Harness or Container problems	5
Manufacturing-Maintenance	3
Other	4
Rigging Issues	6
Rips or Tears	2
Rogue Drogue	1
Static line Clip Pin	8
Total	42

2013 MARS Count	51
2012 MARS Count	48
2011 MARS Count	52
2010 MARS Count	75
2009 MARS Count	58

2014 MARS with Description

42 MARS were filed this year.

Number	ActivityType	Malf/Problem	Discription	DateOfEvent
14-512-AK	Jumping	AAD Problem	AAD would not turn in the Aircraft	7/21/2014
14-518-BOI	ParaCargo	Broken Cargo Static Line	Cargo line broke on 4th bundle	9/17/2014
14-515-BOI	ParaCargo	Cargo Chute Deployment	Two 20ft canopies twited up cargo augered	7/2/2014
14-516-BOI	ParaCargo	Cargo Chute Deployment	20ft and Bucket Chute twisted up cargo augered	7/3/2014
14-519-AK	ParaCargo	Cargo Chute Deployment	28 ft nose bag seperated from links	5/16/2014
14-520-AK	ParaCargo	Cargo Chute Deployment	Broken Weak link	7/7/2014
14-521-AK	ParaCargo	Cargo Chute Deployment	Broken Weak link	8/1/2014
14-502-BOI	ParaCargo	Cargo Chute Deployment	24Ft Trapazoidal (Bucket chute)	4/28/2014
14-514-WYS	ParaCargo	Cargo Rigging	Loose shoulder strap on fire box	6/26/2014
14-510-WYS	ParaCargo	Cargo Rigging	Loose shoulder strap on fire box	6/26/2014
14-519-BOI	Jumping	Exits	Door guards not set correctly(brief tug on his left leg	7/20/2014
14-500-WYS	Jumping	Exits	Carter box commo cable on the jumpers hand	4/29/2014
14-503-AK	Jumping	Exits	Jumper hit door frame and was spinning	5/6/2014
14-510-AK	Jumping	Harness or Container problems	Belly Band Cobra unfastened in aircraft	4/29/2014
14-497-AK	Jumping	Harness or Container problems	Belly Band Cobra unfastened in aircraft	4/24/2014
14-498-AK	Jumping	Harness or Container problems	Belly Band Cobra unfastened in aircraft	4/25/2014
14-499-AK	Jumping	Harness or Container problems	Belly Band Cobra unfastened in aircraft	4/29/2014
14-506-MSO	Jumping	Harness or Container problems	Belly Band Cobra unfastened in aircraft	6/19/2014
14-518-BOI	ParaCargo	Manufacturing-Maintenance	Bar-Tac on cargo straps	7/28/2014
14-505-MSO	Rigging	Manufacturing-Maintenance	Slider not installed correctly	6/18/2014
14-494-BOI	Rigging	Manufacturing-Maintenance	No Bar-Tac on Drogue kill line	3/31/2014
14-509-BOI	Jumping	Other	Partial canopy collapse in turbulence	4/28/2014
14-492-BOI	Jumping	Other	Hard Landing	3/24/2014
14-511-MSO	Aircraft	Other	Reserve pin pulled, Handle caught on cargo	7/24/2014
14-514-MSO	ParaCargo	Other	Cargo hard point release. Casa Tail gate	8/6/2014
14-511-BOI	Rigging	Rigging Issues	Kont in Drogue kill line	5/14/2014
14-517-BOI	Rigging	Rigging Issues	Transfer Jumper rigged drogue backwards.	7/21/2014
14-496-MSO	Jumping	Rigging Issues	Knot in the lines above risers	4/15/2014
14-500-MSO	Jumping	Rigging Issues	Knot in the drogue kill line	5/1/2014
14-504-BOI	Rigging	Rigging Issues	Knot in the drogue kill line	5/14/2014
14-515-AK	Rigging	Rigging Issues	Drogue kill line not not correctly rigged	8/10/2014
14-507-MSO	Jumping	Rips or Tears	Slider bumper missing damage to canopy	6/19/2014
14-513-GAC	Rigging	Rips or Tears	Damaged Main D-Bag	8/6/2014

14-501-BOI	Rigging	Rogue Droque	Rogue Droque	4/11/2014
14-512-BOI	Jumping	Static line Clip Pin	Pin came out of clip after the jump	5/23/2014
14-513-BOI	Jumping	Static line Clip Pin	Pin came out of clip after the jump	6/19/2014
14-491-BOI	Aircraft	Static line Clip Pin	Pin Landyard came loose	3/17/2014
14-493-MSO	Jumping	Static Line Clip Pin	Pin came out of clip after the jump	3/21/2014
14-495-BOI	Jumping	Static Line Clip Pin	Pin came out of clip after the jump	4/11/2014
14-508-WYS	Aircraft	Static line Clip Pin	Ram-air static line clip retaining pin ejection	6/23/2014
14-516-MSO	Jumping	Static line Clip Pin	Focused on the pin did not hook up	8/1/2014
14-517-MSO	Jumping	Static line Clip Pin	Pin came out of clip after the jump	8/21/2014

Malf/Problem Other 2014

Number	ActivityType	alf/Proble	Other	DateOfEvent
14-509-BOI	Jumping	Other	Partial canopy collapse in turbulence	4/28/2014
14-492-BOI	Jumping	Other	Hard Landing/ Bowers (Emmits)	3/24/2014
14-511-MSO	Aircraft	Other	Reserve pin pulled, Handle caught on cargo	7/24/2014
14-514-MSO	ParaCargo	Other	Cargo hard point release. Casa Tail gate	8/6/2014

Count of MARS 2000 to 2014

Malf/Problem	Count
3-Ring Hook-Up Problem	7
AAD Misfire	6
AAD Problem	40
Broken Brake Line	2
Broken Cargo Static Line	6
Canopy Openings	23
Cargo Chute Deployment	70
Cargo Rigging	41
Delayed Drogue 3-ring release	6
Drogue-in-tow	1
Exits	16
Harness or Container problems	44
Helmet Problem	19
Horseshoe	3
Letdown/Letdown System	9
Lost Handle	1
Manufacturing/Maintenance	31
Other	80
PG Bag Problem	12
Released Riser 3-ring	1
Rigging Issues	35
Rips or Tears	14
Rogue Drogue	33
Spinning	6
Streamer	1
Static Line Clip Pin	8
Tension Knot	9
Test	1
Twisted Riser(s)	4
Unstable Drogue Ride	23

Malfunction/Problem by Year

Malf/Problem	CountOf	Year		Malf/Problem	CountOf	Year
3-Ring Hook-Up Problem	1	2013		Cargo Rigging	2	2014
3-Ring Hook-Up Problem	2	2011		Cargo Rigging	7	2013
3-Ring Hook-Up Problem	3	2007		Cargo Rigging	5	2012
3-Ring Hook-Up Problem	1	2005		Cargo Rigging	4	2011
AAD Misfire	1	2013		Cargo Rigging	4	2010
AAD Misfire	1	2010		Cargo Rigging	5	2009
AAD Misfire	1	2007		Cargo Rigging	2	2008
AAD Misfire	1	2004		Cargo Rigging	4	2007
AAD Misfire	2	2002		Cargo Rigging	8	2006
AAD Problem	1	2014		Cargo Rigging	1	2004
AAD Problem	1	2013		Cargo Rigging	1	2003
AAD Problem	1	2012		Cargo Rigging	2	2002
AAD Problem	5	2011		Delayed Drogue 3-ring release	1	2006
AAD Problem	7	2010		Delayed Drogue 3-ring release	2	2004
AAD Problem	6	2009		Delayed Drogue 3-ring release	1	2002
AAD Problem	6	2008		Delayed Drogue 3-ring release	2	2000
AAD Problem	4	2007		Exits	3	2014
AAD Problem	8	2006		Exits	1	2013
AAD Problem	1	2004		Exits	3	2010
Broken Brake Line	1	2007		Exits	2	2008
Broken Brake Line	1	2000		Exits	2	2007
Broken Cargo Static Line	1	2014		Exits	1	2005
Broken Cargo Static Line	1	2011		Exits	2	2004
Broken Cargo Static Line	1	2008		Exits	1	2003
Broken Cargo Static Line	1	2007		Exits	1	2002
Broken Cargo Static Line	2	2006		Exits	1	2001
Canopy Openings	3	2013		Harness/Container problems	5	2014
Canopy Openings	3	2012		Harness/Container problems	3	2013
Canopy Openings	3	2010		Harness/Container problems	2	2012
Canopy Openings	7	2009		Harness/Container problems	7	2011
Canopy Openings	1	2007		Harness/Container problems	8	2010
Canopy Openings	2	2006		Harness/Container problems	11	2009
Canopy Openings	1	2005		Harness/Container problems	1	2007
Canopy Openings	1	2004		Harness/Container problems	4	2006
Canopy Openings	1	2001		Harness/Container problems	1	2005
Canopy Openings	1	2000		Harness/Container problems	1	2002
Drogue in tow	1	2012		Harness/Container problems	4	2001
Cargo Chute Deployment	6	2014		Harness/Container problems	1	2000
Cargo Chute Deployment	13	2013		Helmet Problem	1	2012
Cargo Chute Deployment	7	2012		Helmet Problem	3	2011
Cargo Chute Deployment	6	2011		Helmet Problem	3	2010
Cargo Chute Deployment	18	2010		Helmet Problem	4	2009
Cargo Chute Deployment	6	2009		Helmet Problem	3	2008
Cargo Chute Deployment	2	2007		Helmet Problem	1	2004
Cargo Chute Deployment	6	2006		Helmet Problem	2	2003
Cargo Chute Deployment	1	2004		Helmet Problem	3	2002
Cargo Chute Deployment	1	2002		Spinning	1	2012
Cargo Chute Deployment	3	2001		Spinning	2	2011
Cargo Chute Deployment	1	2000		Spinning	1	2010
Horseshoe	2	2003		Spinning	1	2007

Malfunction/Problem by Year

Horseshoe	1	2001		Spinning	1	2003
Letdown/Letdown System	1	2012		Spinning	1	2002
Letdown/Letdown System	2	2011		Streamer	1	2001
Letdown/Letdown System	2	2010		Steering Line Damage	7	2010
Letdown/Letdown System	2	2008		Tension Knot	1	2011
Letdown/Letdown System	2	2007		Tension Knot	1	2010
Lost Handle	1	2004		Tension Knot	1	2009
Manufacturing/Maintenance	3	2014		Tension Knot	1	2008
Manufacturing/Maintenance	3	2013		Tension Knot	1	2007
Manufacturing/Maintenance	11	2012		Tension Knot	2	2006
Manufacturing/Maintenance	3	2011		Tension Knot	2	2005
Manufacturing-Maintenance	1	2010		Twisted Riser(s)	1	2007
Manufacturing/Maintenance	2	2009		Twisted Riser(s)	1	2006
Manufacturing/Maintenance	4	2008		Twisted Riser(s)	1	2003
Manufacturing/Maintenance	2	2007		Twisted Riser(s)	1	2001
Manufacturing/Maintenance	2	2001		Unstable Drogue Ride	1	2013
Manufacturing/Maintenance	3	2000		Unstable Drogue Ride	1	2008
Manufacturing-Maintenance	1	2009		Unstable Drogue Ride	1	2006
Other	4	2014		Unstable Drogue Ride	5	2004
Other	8	2013		Unstable Drogue Ride	6	2003
Other	8	2012		Unstable Drogue Ride	1	2002
Other	6	2011		Unstable Drogue Ride	8	2000
Other	8	2010		Rips or Tears	2	2014
Other	4	2009		Rips or Tears	2	2012
Other	1	2008		Rips or Tears	1	2011
Other	3	2007		Rips or Tears	5	2009
Other	4	2005		Rips or Tears	2	2008
Other	1	2004		Rips or Tears	1	2006
Other	2	2003		Rips or Tears	1	2002
Other	2	2002		Rogue Drogue	1	2014
Other	1	2001		Rogue Drogue	1	2013
Other	2	2000		Rogue Drogue	2	2012
PG Bag Problem	2	2013		Rogue Drogue	1	2011
PG Bag Problem	3	2011		Rogue Drogue	2	2010
PG Bag Problem	1	2010		Rogue Drogue	2	2009
PG Bag Problem	3	2008		Rogue Drogue	2	2007
PG Bag Problem	3	2001		Rogue Drogue	3	2006
Released Riser 3-ring	1	2000		Rogue Drogue	1	2005
Rigging Issues	6	2014		Rogue Drogue	1	2004
Rigging Issues	5	2013		Rogue Drogue	2	2003
Rigging Issues	3	2012		Rogue Drogue	9	2002
Rigging Issues	5	2011		Rogue Drogue	6	2001
Rigging Issues	5	2010				
Rigging Issues	3	2009		Static Line Clip Pin	8	2014
Rigging Issues	2	2008				
Rigging Issues	1	2007				
Rigging Issues	1	2005				
Rigging Issues	2	2003		Rigging Issues	1	2001

Malfunction
3-Ring Hook-Up Problem
AAD Misfire
AAD Problem
Broken Brake Line
Broken Cargo Static Line
Canopy Openings
Cargo Chute Deployment
Cargo Rigging
Collision
Delayed Drogue 3-ring release
Drogue-in-tow
Dual Canopies
Exits
Harness/Container problems
Helmet Problem
Horseshoe
Letdown/Letdown System
Lost Handle
Manufacturing/Maintenance
Other
PG Bag Problem
Released Riser 3-ring
Rigging Issues
Rips or Tears
Rogue Drogue
Spinning
Steering Line Damage
Streamer
Tension Knot
Twisted Riser(s)
Unstable Drogue Ride
Unstowed Brake(s)
Static Line Clip Pin
Belly Band Cobra Lock

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