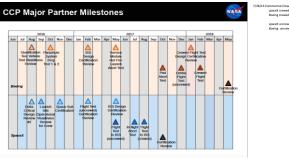
## MASS Prize

Guess		Derson					Aug 2012 CCiCap (Au	or 2012 to Any 20
Month	Year	Person			Potential Vehicles	Potential Rockets	Aug 2012 Colcap (Au	og avsa to repr av
July	2013	Ed	7/1/2013	1	Orion-MPCV (NASA)	Atlas V	CST-100	Atlas V
Aug	2013	Jim A.	8/1/2013	1	Dragon (SpaceX) CST-100 (Boeine)	Delta IV heavy Falcon 9	Dragon Orion	Falcon 9 SLS
Jan	2014	Silvio	1/1/2014	1	Dream Chaser (Sierra Nevada)	Liberty	Dream Chaser	Atlas V
Feb	2014	Kevin	2/1/2014	1	New Shepard (Blue Origin)	SLS		
Oct	2014	Dave	10/1/2014	1	Escalibur Almaz			
Nov	2014	Dean	11/1/2014	1				
Apr	2015	Harry	4/1/2015	1	Guess for when US astronauts traveling on a US vehicle			
July	2015	Carol	7/1/2015	1	retrieve the flag left by STS-135 o	n the ISS (7/8/2011-7/21/2011	)	
Sep	2015	Jim M.	9/1/2015	1				
Oct	2015	Sophia	10/1/2015	1	Prize: Dairy Queen treat of your choice			
Jun	2016	Phil	6/1/2016	1				
Aug	2016	Judy	8/1/2016	1				
		NASA roal	12/1/2018	2				
		Boeine test flight	2/1/2018	2				
		SpaceX test flight	9/1/2017	2				





spaceX crewed flight test Aug 2017 Boeing crewed flight test Feb 2018

6/23/2016. Garret Reisman said uncrewed Dregon to ISS will be Demo 1 mission scheduled for 2nd quarter of 2017; 1st crewed Dregon Dumo 2 mission by the end of 2017 5/23/2015. Spacks delays uncrewed manner Dregon Right to ISS from 4th quarter 2016 to May 2017 3/23/2015. Spacks delays uncrewed manner Dregon Right to ISS from 4th quarter 2016 to May 2017 and vage on crowded Right data. See all the least 2017 to retain time spain from uncrewed Right.

5/12/2016 Boxing tells its shareholders that the crewed test flight is slipping to Feb 2018 from the previous Dec 2017; put about test in Oct 2017; uncrewed orbital test in Dec 2017 SpacoX is sticking with their schedule of an uncrewed orbital test in Dec 2016 and crewed test flight in Apr 2017 SpacoX district from Marker 2018 UNAXA Advisory concerns the Engineer of the State Testing correctly for 3 minimum completed and SpacoX is milestones.

1/7/2016 For Boeing first launch of an uncrewed Starliner, Boe-OFT, in April or May 2017 on a 30 day mission ending with a paractural assisted return. Second mission, Boe-CFT launches in July to Sept 2017 on 14 day mission to ISS

11/21/2015 Stemptim Reed who direct Special's commercial crew program said they intent to launch not flight of Dragon by end of 2015 and they are targeting March 2017 for 1st crewed flight Source (VI) with Michigant days they glies to conduct both its test flight and 1st crewed flight of Sanderine 2017 in September 2018 from July September 2018 from July September 2018 in September 2018

1/26/2015 NASA CCICap press conference where Boeing announced pad abort Feb 2017, uncrewed test Apr 2017, crewed test Jul 2017; SpaceX pad abort Mar 2015, in-flight abort late 2015, uncrewed late 2016, crewed early 2017

\$2,700.0. Copy amounted to State 3,000.0. State generated at 16 of announce, shouldn'd a control time service Oracle Design between 8.

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6/1/2014 (Ban Mask says Dragon will fly in space in late 2015 and a crewed mission in 2016, 1 year earlier than NASA says it needs it (Dec 2017); MASA to award final Com Crew in Aug/Sep 2014; he said manned Dragon design 50% complete (\$800-518 total cost and half complete); pad abort test schedule for Q2 2014 and in flight abort test for Q3 2014

5/11/2014 Chris Ferguson of Boeing says CST-100 to fly unmanned 1st in Jan 2017 and then 2 man crew end of Summer 2017, both possible dock to ISS

1/23/2014 Sierra Nevada announces 1st Dream Chaser launch in Nov 2016 on Atlas V with a 2nd manned launch in 2017 whether NASA funds or not

207.2 by Mark guil fight to IS in November 207.2 by later than originally planned borror, with CET-302, ares to demonstrate 3 person opposite on 5 day reserved orbital text in 2015; more than their of way thro 13 2011 CODY milestowns that faul to CETs in April 2014 D3 milestowns July 2013 CORE to defeat for already demonstrate 3 persons opposite control propriets CETs, Sep 2013 CER of seasonship primary structure, flight deeps hardware by end of 2013 integrated CER for entire vehicle in Mar 2014, with in Sight about text in Apr 2014.

1/9/2013 Reisman of SpaceX says they will send test pilots to ISS at the end of 2015 Boeing said they will launch a crewed flight in 2016

9/16/2012 CCCap program goes from Aug 2012 to Apr 2014 (21 months)
Boeing & Spacot full support (\$4600 & \$4400M, Sierra Newata half (\$212.5M)
1st crew mission guess by companies, Spacot mid 2015, Boeing end of 2016
not necessarily a mission to 155 to satisfy the contest