

SPACE ACT AGREEMENT – N NK11MS01S, AMENDMENT ONE (01)
 BETWEEN
 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 AND
 SIERRA NEVADA CORPORATION
 FOR
 COMMERCIAL CREW DEVELOPMENT ROUND 2 (CCDev 2)

PURPOSE AND AGENCY COMMITMENT

The purpose of this Amendment is to modify Space Act Agreement N NK11MS01S to update Appendix 2(a): Performance Milestones and Success Criteria with the addition of Performance Milestones listed as Optional Performance Milestones and Success Criteria in Appendix 2(b) of the initial Agreement. The addition of these milestones (Optional Milestones 11, 12, 18, and 19) is to accelerate maturation of the Dream Chaser spacecraft and retire significant risk by enabling completion of approach and landing flight tests of a full size Dream Chaser.

Availability of Funds:

Funds are not presently available for Milestones 11, 12 and 13 of this Agreement. Obligations of the Government and SNC under this Agreement are contingent upon the availability of appropriated funds from which payment for Agreement purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the Agreement Officer for this Agreement and until the Partner receives notice of such availability, to be confirmed in writing by the Agreement Officer. Completion dates listed in this agreement for Milestones 11, 12, and 13 are valid only if SNC is notified in writing by October 30, 2011 that appropriated funds payable for Agreement purposes are available. Any delay in notification beyond October 30, 2011 will result in comparable delays in the completion dates of Milestones 11, 12, and 13 to be calculated and applied to milestones as follows. All milestone completion dates are stated as the month in which completion is required. For each milestone, the month in which completion is required will be delayed by the number of months after October 2011 in which the notification is received. Any delay in notification beyond February 2012 will require renegotiation of completion date for any affected milestone.

Appendix 2(a) is amended to add the following:

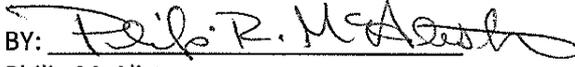
<p>Milestone 10: Captive Carry Interface and ETA Landing Gear Drop Tests <i>(Previously identified as Milestone #11 in Appendix 2(b))</i></p> <p>Description: Complete fabrication of ETA captive carry prototype interface mechanism. Perform integrated test of interface mechanism and perform release test to verify performance of system to ensure readiness for captive carry. Perform drop test of ETA landing gear to evaluate landing gear dynamic limit loads and landing load attenuation capability to ensure adequate performance of landing gear.</p> <p>Success Criteria: Completion of ETA captive carry mechanism interface test and demonstrate release mechanism functionality as outlined in test plan. Completion of ground drop test of ETA landing gear as outlined in the test plan. (Table 11)</p>	<p>Amount: \$4.5 million Date: January 2012</p>
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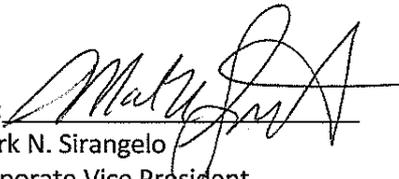
<p>Milestone 11: ETA Captive Carry Flight Test Readiness Review (Previously identified as Milestone #18 in Appendix 2(b))</p> <p>Description: Complete Captive Carry Flight Test Readiness Review to verify ETA readiness for captive carry testing. SNC shall provide briefing of the Flight Test Plan and ETA vehicle captive carry test readiness and a hard copy of the presentation materials and responses to NASA questions concerning captive carry test readiness.</p> <p>Success Criteria: Meet criteria specified in the SNC Captive Carry Flight Test Readiness Review Entrance and Success Criteria. (Table 18)</p>	<p>Amount: \$6.0 million</p> <p>Date: March 2012</p>
<p>Milestone 12: ETA Captive Carry Flight Test (Previously identified as Milestone #12 in Appendix 2(b))</p> <p>Description: Conduct ETA captive carry flight test on carrier aircraft to characterize integrated vehicle performance between aircraft and ETA.</p> <p>Success Criteria: Completion of ETA captive carry flight as outlined per the flight test plan. (Table 12)</p>	<p>Amount: \$7.1 million</p> <p>Date: April 2012</p>
<p>Milestone 13: ETA Free Flight Test (Previously identified as Milestone #19 in Appendix 2(b))</p> <p>Description: Conduct unpiloted ETA Free Flight test from carrier aircraft to characterize handling qualities and approach and landing.</p> <p>Success Criteria: Completion of ETA Free Flight as outlined per the flight test plan. (Table 19)</p>	<p>Amount: \$8.0 million</p> <p>Date: July 2012</p>

ARTICLE 28. SIGNATURE BLOCK

NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION

SIERRA NEVADA CORPORATION

BY: 
Philip McAlister
Special Assistant to the Associate Administrator
For Exploration Systems

BY: 
Mark N. Sirangelo
Corporate Vice President

DATE: 9/14/2011

DATE: AUGUST 17, 2011