

**FAA Model Appendix (MA) AP37.9ER-MA0830, Amended 10/15/15; STC Number ST00830SE – 737-900ER**

<b>Kit Descript.</b>	<b>Master Drawing List</b>	<b>Eligible Airplane Serial No.'s</b>	<b>Airplane Maintenance Manual Supplement</b>	<b>Airplane Flight Manual Supplement</b>	<b>Structural Repair Manual Supplement</b>	<b>Weight and Balance Manual Supplement</b>	<b>Certification Maintenance Reqt's and Airworthiness Limitations</b>	<b>Maintenance Planning Data Document Supplement</b>	<b>Configuration Deviation List Supplement</b>
Winglet Installation (900-7 Kit) See Notes 1, 2, 3 & 4	AP37.9-0609, Rev H, 6/13/2014 or later FAA approved revision	737-9007 Rev IR, 09/24/2013 or later APB approved revision	AP37.9-0618 Rev IR, March 2014 or later APB approved revision	AP37.9-0627, Rev IR, 8/25/2014 or later FAA approved revision	AP37.9-0615, Rev May 2014, or later FAA approved revision	AP37.9-0619, Rev IR, April 2014 or later FAA approved revision	AP37.1-0704.2, Rev K, April 2014 or later FAA approved revision	AP37.1-0704.1 Rev N, May 2014 or later APB approved revision	AP37-CDLS, Rev 6, dated 8/25/2014 or later FAA approved revision

**Notes:**

1. The 737-900 Dash 7 Kit Split Scimitar Winglet Certification Basis is:

Based on the application date, February 13, 2013, under the provisions of 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as significant in FAA Order 8110.48, the certification basis for the Boeing 737-900ER Series airplane is as follows:

- a. The type certification basis for parts not changed or not affected by the change is shown on TCDS A16WE, Section X.
- b. The modification certification basis for areas changed or affected by the change since the reference application date, February 13, 2013, is based upon Part 25 as amended through Amendment 25-136 with some exceptions, voluntary compliance to later amendments, special conditions, ESF's, exemptions as shown in TCDS A16WE (Section X 737-900ER) as applicable as well as those STC unique items as shown below:

**Regulations at the latest amendment 25-0 through 25-136**

25.21(a)(b)(c)(d)(e)(f)(g)(2), 25.23 - 25.29, 25.101 - 25.123, 25.125(a)(b)(1)(2)(i)(3)(4)(5)(c)-(g), 25.143 - 25.237, 25.251 - 25.255, 25.301 - 25.351, 25.367 - 25.373, 25.391(a)(b)(d), 25.427(a)(b)(d), 25.445(a), 25.457 - 25.471, 25.479(a)(c)(d), 25.481(a)(c), 25.483 - 25.485, 25.489 - 25.491, 25.493(b)(c)(d), 25.495, 25.503, 25.507(a)(b), 25.581, 25.601 - 25.629, 25.671, 25.672, 25.685, 25.697, 25.899, 25.901(c), 25.903(c), 25.954, 25.1011(b), 25.1301, 25.1309, 25.1316, 25.1329(g), 25.1353, 25.1385 - 1395, 25.1401, 25.1419(a)(d), 25.1443(a)(b)(c), 25.1501, 25.1519, 25.1529, 25.1541, 25.1581 - 25.1587, G25.1, H25.1 - H25.3, H25.5

**Regulations at an intermediate amendment**

25.571(a)(3) at 25-96  
 25.1419(e)(f)(g)(h) at 25-121  
 H25.4 at 25-123

**Regulations at the amendment level in TCDS A16WE**

25.21(g)(1) at 25-72  
 25.125(b)(2)(ii)(A)(B)(C) at 25-108  
 25.571(a)(b)(c)(d)(e)(2)(3)(4) at 25-86  
 25.571(e)(1) at 25-96  
 25.841(a)(2) at 25-38  
 25.1419(c) at 25-23  
 C25.1 at 25-0

**Notes Continued:**

**14CFR Part 26 Regulations**

26.11 at 26-0

26.47 at 26-1

**14 CFR Part 36 Regulations**

As amended by 36-20 or 36-28. Each Blended Winglet aircraft's FAA approved Airplane Flight Manual (AFM) will indicate if that particular serial number is compliant with Stage 3 or Stage 4 noise levels

**Equivalent Safety Findings**

Number SA12036SE-T-S-1 for 25.1387(e) at amendment 25-30; rear position light dihedral angle requirements.

Number SA12036SE-T-S-2 for 25.1419(b) at amendment 25-121; flight testing in measured natural icing conditions.

Number SP11946SE-T-SE-1 for 25.1397(b) for Aviation Green Chromaticity Requirements

2. STC ST00845SE (Rockwell Collins) for installation of Head-Up Guidance Display Model 4000, reference MDL 9701-1010, revision BB, dated November 26, 2008, or later FAA approved revision has been determined to be compatible with this STC. Also refer to the appropriate FAA approved Airplane Flight Manual Supplement for this installation.
3. STC ST00039MC (Rockwell Collins) for installation of Head-Up Guidance Display Model 4000 with EVS (Enhanced Vision System), reference MDL 9701-1018, revision C, dated June 17, 2010 or later FAA approved revision has been determined to be compatible with this STC. Also refer to the appropriate FAA approved Airplane Flight Manual Supplement for this installation.
4. STC ST01697SE, Cabin Altitude reversion to 6,500 feet in lieu of 8,000 feet at 41,000 feet flight altitude (Lower Cabin Altitude modification) has been determined to be compatible with this STC. Refer to Figure 1 of Boeing Report D926A200, Revision N, dated May 23, 2009, or later Federal Aviation Administration (FAA) approved revision.

FAA Approved: \_\_\_\_\_

Manager, Seattle Aircraft Certification Office

Issued: 8/25/2014

Amended: 4/21/15; 10/15/15