



**PHYSICAL SURVEY REPORT
AMERICAN AIRLINES
B727-223 ADV
REG. N859AA S/N 21086**

Aging Airplane Corrosion Prevention and Control Program

The B727 Corrosion Prevention and Control Program is required by Airworthiness Directive 90-25-03 and requires the accomplishment of inspections of specific airplane structure. These inspections are required to be performed repetitively and commence upon reaching a specific airplane age for each inspection area.

Please refer to our Corrosion Prevention and Control Program Accomplishment Record prepared to show which tasks have been accomplished to date, their re-inspection requirements, and the latest date in which the first application of the remaining tasks must be accomplished.



PRO-TECH ADVISORS, INC.
CORROSION PREVENTION AND CONTROL PROGRAM
TASK ACCOMPLISHMENT RECORD

B727-223 ADV Reg. No.: N859AA S/N 21086 Line No.: 1248 DOM: February 15, 1977

As of: 8/31/2001

Taskcard	Part	Airplane Area	"I"	"R"	Last Accomplished	Next Due	Days Remaining
C32-131-01	1 of 1	Landing gear - nose gear	See Notes	10	12/9/1996	12/7/2006	1924
C32-135-01	1 of 2	Landing gear - main gear left	See Notes	10	12/10/1996	12/8/2006	1925
	2 of 2	Landing gear - main gear right	See Notes	10	12/9/1996	12/7/2006	1924
C53-100-01	1 of 6	Fuselage - exterior surface, nose landing bay	6	1.5	11/11/2000	5/12/2002	254
	2 of 6	Fuselage - exterior surface, left main landing gear bay	6	1.5	11/11/2000	5/12/2002	254
	3 of 6	Fuselage - exterior surface, right main landing gear bay	6	1.5	11/11/2000	5/12/2002	254
	4 of 6	Fuselage - exterior surface, lower half BS 178 to 1183	6	1.5	11/11/2000	5/12/2002	254
	5 of 6	Fuselage - exterior surface, upper half BS 178 to 1183	6	1.5	11/11/2000	5/12/2002	254
	6 of 6	Fuselage - exterior surface, section 48 BS 1183 to 1464	6	1.5	11/11/2000	5/12/2002	254
C53-100-02	1 of 1	Fuselage - exterior surface, lower body skin panels BS 360 to 481	6	1.5	N/A	N/A	N/A
C53-100-03	1 of 1	Fuselage - exterior surface, aft lower body bonded skin panels BS 950 to 1183	6	1.5	N/A	N/A	N/A
C53-100-04	1 of 1	Fuselage - exterior surface, circumferential skin butt joint at BS 521	6	1.5	N/A	N/A	N/A
C53-100-05	1 of 4	Fuselage - exterior surface, left wing rear spar to body fitting and bottle pin	10	5	12/9/1996	12/8/2001	99
	2 of 4	Fuselage - exterior surface, right wing rear spar to body fitting and bottle pin	10	5	12/9/1996	12/8/2001	99

As of: 8/31/2001

Taskcard	Part	Airplane Area	"I"	"R"	Last Accomplished	Next Due	Days Remaining
	3 of 4	Fuselage - exterior surface, left wing rear spar to body fitting and bottle pin	10	10	12/9/1996	12/7/2006	1924
	4 of 4	Fuselage - exterior surface, right wing rear spar to body fitting and bottle pin	10	10	12/9/1996	12/7/2006	1924
C53-100-06	1 of 1	Fuselage - exterior surface, emergency escape hatch exterior skin and edge frames	6	1.5	11/11/2000	5/12/2002	254
C53-111-01	1 of 3	Fuselage - lower lobe, interior BS 178 to 480, except bilge	6	6	12/9/1996	12/8/2002	464
	2 of 3	Fuselage - lower lobe, interior BS 480 to 740, except bilge	6	6	12/9/1996	12/8/2002	464
	3 of 3	Fuselage - lower lobe, interior BS 950 to 1183, except bilge	6	6	12/9/1996	12/8/2002	464
C53-111-02	1 of 2	Fuselage - lower lobe, forward cargo door interior	6	6	12/9/1996	12/8/2002	464
	2 of 2	Fuselage - lower lobe, aft cargo door interior	6	6	12/9/1996	12/8/2002	464
C53-111-03	1 of 2	Fuselage - lower lobe, interior - except bilge - skin and horizontal walkway beam	6	1.5	11/11/2000	5/12/2002	254
	2 of 2	Fuselage - lower lobe, interior - except bilge - skin and horizontal walkway beam	6	3	11/17/1998	11/16/2001	77
C53-111-04	1 of 1	Fuselage - lower lobe, interior wing center section, lower portion of front spar web	See Notes	See Notes	3/8/1994	See Notes	See Notes
C53-113-01	1 of 2	Fuselage - bilge interior BS 480 to 740	6	3	11/17/1998	11/16/2001	77
	2 of 2	Fuselage - bilge interior BS 950 to 1183	6	3	11/17/1998	11/16/2001	77
C53-113-02	1 of 1	Fuselage - bilge interior, aft lower bonded skin BS 950 to 1183 from S27L to S27R	6	3	N/A	N/A	N/A
C53-132-01	1 of 2	Fuselage - left under wing to body fairings and air conditioning bay access door	6	6	12/9/1996	12/8/2002	464
	2 of 2	Fuselage - right under wing to body fairings and air conditioning bay access door	6	6	12/9/1996	12/8/2002	464

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Taskcard	Part	Airplane Area	"I"	"R"	Last Accomplished	Next Due	Days Remaining
C53-132-02	1 of 2	Fuselage - wing center section front and rear spar lower chords and webs	6	4	N/A	N/A	N/A
	2 of 2	Fuselage - wing center section front and rear spar lower chords and webs	6	4	11/11/2000	11/10/2004	1167
C53-132-03	1 of 4	Left wing - front spar wing to body area	10	5	12/9/1996	12/8/2001	99
	2 of 4	Right wing - front spar wing to body area	10	5	12/9/1996	12/8/2001	99
	3 of 4	Left wing - front spar wing to body fitting and bottle pin	10	10	12/9/1996	12/7/2006	1924
	4 of 4	Right wing - front spar wing to body fitting and bottle pin	10	10	12/9/1996	12/7/2006	1924
C53-137-01	1 of 1	Fuselage - section 48 interior BS 1183 to 1342	10	5	12/9/1996	12/8/2001	99
C53-221-01	1 of 1	Fuselage - flight crew compartment interior	10	8	12/9/1996	12/7/2004	1194
C53-224-01	1 of 3	Fuselage - upper lobe interior including floor structure BS 304 to 740	10	8	12/9/1996	12/7/2004	1194
	2 of 3	Fuselage - upper lobe interior including floor structure BS 740 to 950	10	8	12/9/1996	12/7/2004	1194
	3 of 3	Fuselage - upper lobe interior including floor structure BS 950 to 1183	10	8	12/9/1996	12/7/2004	1194
C53-224-02	1 of 1	Fuselage - interior upper lobe BS 521	10	8	N/A	N/A	N/A
C53-224-03	1 of 2	Fuselage - interior area under galleys and lavatories	10	2	11/3/1999	11/2/2001	63
	2 of 2	Fuselage - interior area under galleys and lavatories	10	4	11/11/2000	11/10/2004	1167
C53-224-04	1 of 1	Fuselage - interior floor structure and shear web, BS 1130 - 1183	8	4	11/11/2000	11/10/2004	1167
C53-224-05	1 of 1	Fuselage - upper lobe interior, wing center section upper skin chords and webs	8	4	11/11/2000	11/10/2004	1167
C53-224-06	1 of 1	Fuselage - interior main deck entry and service door cutouts, lower sill	8	4	11/11/2000	11/10/2004	1167

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Taskcard	Part	Airplane Area	"I"	"R"	Last		Days Remaining
					Accomplished	Next Due	
C53-224-07	1 of 1	Fuselage - interior upper lobe, emergency exit cutouts, lower sill	8	4	11/11/2000	11/10/2004	1167
C53-224-08	1 of 1	Fuselage - interior upper lobe, BS 1176.9 chord	8	4	11/11/2000	11/10/2004	1167
C54-451-01	1 of 6	No.1 Powerplant, strut, and engine mounts	5	2	11/3/1999	11/2/2001	63
	2 of 6	No.2 Powerplant, strut, and engine mounts	5	2	11/3/1999	11/2/2001	63
	3 of 6	No.3 Powerplant, strut, and engine mounts	5	2	11/3/1999	11/2/2001	63
	4 of 6	No.1 Powerplant, strut, and engine mounts	Engine Removal	Engine Removal	Accomplish at each engine removal.		
	5 of 6	No.2 Powerplant, strut, and engine mounts	Engine Removal	Engine Removal	Accomplish at each engine removal.		
	6 of 6	No.3 Powerplant, strut, and engine mounts	Engine Removal	Engine Removal	Accomplish at each engine removal.		
C54-451-02	1 of 1	Center engine inlet duct & S-ducts	10	8	12/9/1996	12/7/2004	1194
C55-300-01	1 of 1	Vertical stabilizer - exterior surface	10	2	11/3/1999	11/2/2001	63
C55-300-10	1 of 2	Left horizontal stabilizer - exterior surface	10	2	11/3/1999	11/2/2001	63
	2 of 2	Right horizontal stabilizer - exterior surface	10	2	11/3/1999	11/2/2001	63
C55-391-01	1 of 2	Left horizontal stabilizer - leading edge cavity interior	10	8	12/9/1996	12/7/2004	1194
	2 of 2	Right horizontal stabilizer - leading edge cavity interior	10	8	12/9/1996	12/7/2004	1194
C55-391-10	1 of 2	Left horizontal stabilizer - main box interior	10	8	12/9/1996	12/7/2004	1194
	2 of 2	Right horizontal stabilizer - main box interior	10	8	12/9/1996	12/7/2004	1194
C55-391-20	1 of 2	Left horizontal stabilizer - trailing edge cavity interior	10	4	11/11/2000	11/10/2004	1167
	2 of 2	Right horizontal stabilizer - trailing edge cavity interior	10	4	11/11/2000	11/10/2004	1167
C55-391-30	1 of 1	Horizontal stabilizer - center section and support structure	10	5	12/9/1996	12/8/2001	99
C55-395-01	1 of 1	Vertical stabilizer - leading edge cavity interior	10	8	12/9/1996	12/7/2004	1194

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Taskcard	Part	Airplane Area	"I"	"R"	Last Accomplished	Next Due	Days Remaining
C55-395-10	1 of 1	Vertical stabilizer - main box interior	10	8	12/9/1996	12/7/2004	1194
C55-395-11	1 of 1	Vertical stabilizer - interior rear spar at BS 1342 bulkhead	10	5	12/9/1996	12/8/2001	99
C55-395-20	1 of 1	Vertical stabilizer - trailing edge cavity interior	10	4	11/11/2000	11/10/2004	1167
C57-174-01	1 of 1	Wing - center section interior	10	8	12/9/1996	12/7/2004	1194
C57-500-01	1 of 2	Left wing - outboard exterior	10	5	12/9/1996	12/8/2001	99
	2 of 2	Right wing - outboard exterior	10	5	12/9/1996	12/8/2001	99
C57-500-02	1 of 2	Left wing - outboard exterior, lower skin around flap track attach points	10	3	11/17/1998	11/16/2001	77
	2 of 2	Right wing - outboard exterior, lower skin around flap track attach points	10	3	11/17/1998	11/16/2001	77
C57-562-01	1 of 2	Left wing - leading edge cavity interior	10	5	12/9/1996	12/8/2001	99
	2 of 2	Right wing - leading edge cavity interior	10	5	12/9/1996	12/8/2001	99
C57-562-02	1 of 4	Left wing - leading edge cavity interior	10	5	N/A	N/A	N/A
	2 of 4	Right wing - leading edge cavity interior	10	5	N/A	N/A	N/A
	3 of 4	Left wing - leading edge cavity interior	10	5	12/9/1996	12/8/2001	99
	4 of 4	Right wing - leading edge cavity interior	10	5	12/9/1996	12/8/2001	99
C57-571-01	1 of 2	Left wing - outboard main box interior	10	10	12/9/1996	12/7/2006	1924
	2 of 2	Right wing - outboard main box interior	10	10	12/9/1996	12/7/2006	1924
C57-581-01	1 of 2	Left wing - trailing edge cavity interior, flaps and flap tracks	10	5	12/9/1996	12/8/2001	99
	2 of 2	Right wing - trailing edge cavity interior, flaps and flap tracks	10	5	12/9/1996	12/8/2001	99
C57-581-02	1 of 4	Left wing - trailing edge cavity interior - rear spar chords	10	5	N/A	N/A	N/A
	2 of 4	Right wing - trailing edge cavity interior - rear spar chords	10	5	N/A	N/A	N/A

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Taskcard	Part	Airplane Area	"I"	"R"	Last Accomplished	Next Due	Days Remaining
	3 of 4	Left wing - trailing edge cavity interior - rear spar chords	10	5	12/9/1996	12/8/2001	99
	4 of 4	Right wing - trailing edge cavity interior - rear spar chords	10	5	12/9/1996	12/8/2001	99
C57-581-03	1 of 4	Left wing - trailing edge cavity interior - rear spar chords	8	2	N/A	N/A	N/A
	2 of 4	Right wing - trailing edge cavity interior - rear spar chords	8	2	N/A	N/A	N/A
	3 of 4	Left wing - trailing edge cavity interior - rear spar chords	8	2	11/3/1999	11/2/2001	63
	4 of 4	Right wing - trailing edge cavity interior - rear spar chords	8	2	11/3/1999	11/2/2001	63
C57-581-04	1 of 4	Left wing - trailing edge cavity, flap track carriages	10	10	12/9/1996	12/7/2006	1924
	2 of 4	Right wing - trailing edge cavity, flap track carriages	10	10	12/9/1996	12/7/2006	1924
	3 of 4	Left wing - trailing edge cavity, flap track carriages	10	10	12/9/1996	12/7/2006	1924
	4 of 4	Right wing - trailing edge cavity, flap track carriages	10	10	12/9/1996	12/7/2006	1924
C57-581-05	1 of 4	Left wing - trailing edge cavity interior, flap track carriage support fittings	10	10	12/9/1996	12/7/2006	1924
	2 of 4	Right wing - trailing edge cavity interior, flap track carriage support fittings	10	10	12/9/1996	12/7/2006	1924
	3 of 4	Left wing - trailing edge cavity interior, flap track carriage support fittings	10	10	12/9/1996	12/7/2006	1924
	4 of 4	Right wing - trailing edge cavity interior, flap track carriage support fittings	10	10	12/9/1996	12/7/2006	1924
C57-581-06	1 of 2	Flap tracks attach fittings	10	10	12/9/1996	12/7/2006	1924
	2 of 2	Flap tracks attach fittings	10	10	12/9/1996	12/7/2006	1924
C57-581-07	1 of 2	Flap tracks at main landing gear beam attach point	10	10	12/9/1996	12/7/2006	1924
	2 of 2	Flap tracks at main landing gear beam attach point	10	10	12/9/1996	12/7/2006	1924

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Taskcard	Part	Airplane Area	"I"	"R"	Last Accomplished	Next Due	Days Remaining
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Notes Below are selected notes from Revision B of D6-54929. Please refer to the document for all applicable notes.

The first application of the basic task on affected airplanes (those that have reached "I" years of age) must be accomplished at the implementation rate of one airplane per year for each airplane area defined in the baseline program.

Landing gear tasks C32-131-01 and C32-135-01 must be accomplished prior to 12/03/97 (10 years since last overhaul) to comply with the phase-in requirements as outlined in revision B of D6-54929.

Basic task C53-100-05 requires inspection with bottle pins removed at a repeat interval of 10 years.

Basic task C53-111-03 requires a repeat interval of 1.5 years for airplanes L/N 1-1544 without modification per SB 53-157. Repeat interval of 3 years after modification for airplanes L/N 1545 and on.

Basic task C53-111-04 requires visual inspection and accomplishment of terminating action per SB 57-146 during first access for task C53-111-01. Task C53-111-04 is no longer required after completing the SB requirements. Ongoing corrosion control of the area is provided by task C53-111-01.

Basic task C53-132-03 requires inspection with bottle pins removed at repeat intervals of 10 years.

Basic task C53-224-03 requires repeat interval of 2 years without galley / lavatory removal. Repeat interval of 4 years with galley / lavatory removal.