Date: 02/08/2006 : Time: 13:01:42 Software Release: 2.9.0 SP10 1024

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

#### GENERAL - Structural Classification

1. Applicability

A. This subject is applicable to the primary and secondary structure of the airplane.

2. General

- A. This section gives the Principal Structural Elements (PSEs) and Secondary Structure of the airplane. This can be used to find the classification of major and minor repairs.
- B. Refer to Structural Classification Diagram, Figure 1/GENERAL for the classification of structures.
- C. Refer to Primary and Secondary Structures of the Airplane, Figure 2/GENERAL for the identification of the primary and secondary structures of the airplane.
  - (a) Refer to the and tables that follow for the specified primary structures PSE and non-PSE components, and secondary structures:
    - (1) Paragraph 5./GENERAL and Table 1/GENERAL Doors
    - (2) Paragraph 6./GENERAL and Table 2/GENERAL Fuselage
    - (3) Paragraph 7./GENERAL and Table 3/GENERAL Nacelles and Pylons
    - (4) Paragraph 8./GENERAL and Table 4/GENERAL Stabilizers
    - (5) Paragraph 9./GENERAL and Table 5/GENERAL Wings
- D. The Principal Structural Elements (PSE's) given in this subject agree with the Maintenance Review Board Report (MRBR), Boeing Document M-7360-D541.
  - NOTE: If the data between this SRM and the MRB Report is different, refer to the MRB Report over the SRM.
- E. Repairs to PSEs in the wing, nacelle and pylon structures as given in Table 3/GENERAL and Table 5/GENERAL are required to be evaluated for damage tolerance capability.
- 3. References

Reference Title

MRBR D6254001

737-600/-700/700IGW/800/900 MRB Report

- 4. Definitions
  - A. The definitions of primary and secondary structures are as follows:

<u>WARNING:</u> THE FAILURE OF PSE'S COULD RESULT IN THE CATASTROPHIC FAILURE OF THE AIRPLANE.

(1) Primary Structure: Structure which carries flight, ground, or pressure loads. Primary structure is classified into two categories: Principal Structural Elements (PSE) and Other Structure. Most of the primary structures on the

**EFFECTIVITY** 

Date: 02/08/2006 : Time: 13:01:42 Software Release: 2.9.0 SP10 1024

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

airplane are Principal Structural Elements (PSE). PSEs are also known as Structural Significant Items (SSI).

- (a) Principal Structural Elements (PSE): Primary structure which contribute significantly to carrying flight, ground, and pressurization loads, and whose failure could result in the catastrophic failure of the airplane.
- (b) Other Structure: Primary structure that is not a Principal Structural Element (PSE).
- (2) Secondary Structure: Structure which carries only air or inertial loads generated on or within the secondary structure. Most secondary structures are important to the aerodynamic performance of the airplane.
- 5. The primary and secondary structures for the doors are given in Table 1.
  - A. Primary structure include the skin, structure, stop fittings and pins of these doors:
    - (1) Entry, Galley, Cargo, Emergency Exit, Automatic overwing exit door, Airstair, Equipment Access, and Forward Access.
  - B. Secondary structure includes the skin and structure of doors that are not primary structure.

Table 1

-	DOOR STRUCTURE			
474 NUMBER	DECCRIPTION	PRI	MARY	SECONDARY
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDART
52-10-01	Forward Galley Door Skin	Х		:
52-10-01	Aft Entry Door Skin	X		
52-10-01	Aft Galley Door Skin	Х		
52-01-01	Forward Entry Door Skin	Х		
52-10-02	Forward Galley Door Structure	Х		
52-10-02	Aft Entry Door Structure	Х		
52-10-02	Aft Galley Door Structure	Х		
52-10-02	Forward Entry Door Structure	Х		
52-10-01	Emergency Exit Door Skin (Automatic Overwing Exit Door Skin)	Х		
52-10-02	Emergency Exit Door Structure (Automatic Overwing Exit Door Structure)	Х		
52-30-01	Cargo Door Skin	Х		
52-30-01	Forward Cargo Door Skin	Х		

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

DOOR STRUCTURE PRIMARY SECONDARY ATA NUMBER DESCRIPTION **PSE** OTHER Χ 52-30-02 Cargo Door Structure Forward Cargo Door Structure χ 52-30-02 Χ Access and Blowout Door Skin 52-40-01 X APU Access Door Skin 52-40-01 External Power Receptacle Access Door Skin Χ 52-40-01 Χ Lavatory Service Door Skin 52-40-01 Water Service Door Skin Χ 52-40-01 Χ 52-40-01 Tailcone Access Door Skin Х 52-40-01 Tailcone System Door Skin Χ 52-40-02 APU Access Door Structure Χ 52-40-02 Access and Blowout Door Structure Χ 52-40-90 Service Door Fittings X 52-41-01 Equipment Access Door Skin X Forward Access Door Skin 52-41-01 X 52-41-02 Forward Access Door Structure Χ 52-41-02 Equipment Access Door Structure Χ 52-60-01 Forward Airstair Door Skin Forward Airstair Door Structure X 52-60-02 Χ 52-80-01 Nose and Main Landing Gear Door Skins Χ 52-80-02 Nose and Main Landing Gear Door Structures Χ

- 6. The primary and secondary structures for the fuselage are given in Table 2.
  - A. Fuselage primary PSE structure include:

Nose Landing Gear Door Fittings

Main Landing Gear Door Fittings

- (1) Fuselage skin panels, skin splices, door surround cutouts, and window belts
- (2) Frames, stringers, stiffeners, and intercostals
- (3) Bulkhead structures
- (4) Beam and keel beam structures
- (5) Landing gear support structure

52-80-90

52-80-90

Χ

Date: 02/08/2006 : Time: 13:01:43 Software Release: 2.9.0 SP10 1024

REV 25, Nov. 10/2005

# BOEING 737-800 Structural Repair Manual

- (6) Wing-to-body drag angles.
- B. Fuselage primary other structure include:
  - (1) Floor panels and beam assemblies
  - (2) Cargo compartment structure and floor panels
  - (3) Seat tracks.
- C. Fuselage secondary structure include:
  - (1) Nose radome
  - (2) Wing-to-body fairings (except the drag angles)
  - (3) Fuselage section 48 fairings and seals
  - (4) Tailcone and tailskid.

Table 2.

		PR	IMARY	
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDARY
53-10-01	Fuselage Skin - Section 41 (BS 178 to BS 259.5)	Х		
53-10-01	Fuselage Skin - Section 41 (BS 259.5 to BS 360)	Х		
53-10-03	Stringers - Section 41	х		
53-10-04	Intercostals - 41	х		
53-10-07	Frames - Section 41	х		
53-10-08	Bulkhead (BS 294.5)	х		
53-10-08	Bulkhead (BS 178)	х		
53-10-08	Canted Bulkhead (BS 224.8 to 227.8)	х		
53-10-08	Bulkhead (BS 259.5)	х		
53-10-08	Bulkhead (BS 294.5)	Х		
53-10-14	Nose Landing Gear Structure	Х		
53-10-15	Door Surround Structure	х		
53-10-50	Main Deck Floor Panels - Section 41		Х	
53-10-51	Crew Area Floor Structure		Х	
53-10-51	Floor Structure - Section 41		Х	
53-10-52	Seat Tracks - Section 41		Х	
53-10-54	Forward Equipment Bay Floor Structure		Χ	

l	E	۲	H	E	C	ı	1	V	T	L	Y

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

FUSELAGE STRUCTURE PRIMARY ATA NUMBER **DESCRIPTION** SECONDARY PSE OTHER Forward Equipment Bay Floor Support X 53-10-54 Χ 53-10-72 Nose Radome Χ 53-10-90 Nose Landing Gear Support Fittings Fuselage Skin - Section 43 (BS 360 to BS 540) Χ 53-30-01 Χ 53-30-03 Fuselage Stringers - Section 43 Χ 53-30-04 Intercostals - Section 43 53-30-07 Frames Section 43 X Keel Beam Extrusion - Section 43 Χ 53-30-12 53-30-13 Beams - Section 43 X Door Surround Structure - Section 43 X 53-30-15 Χ 53-30-30 **Auxiliary Structure** Main Deck Floor Panels - Section 43 Χ 53-30-50 Floor Structure - Section 43 Χ 53-30-51 53-30-52 Seat Tracks - Section 43 Χ Forward Cargo Compartment Floor Panels Χ 53-30-53 Χ 53-30-53 Forw-ard Cargo Compartment Floor Structure 53-30-70 Χ Wing-to-Body Fairing Skins - Section 43 Χ 53-30-70 Wing-to-Body Fairing Structure (Except Drag Angles) 53-30-71 Χ Wing-to-Body Fairing Structure (Drag Angles Only) Fuselage Skin - Section 44 (BS 540 to BS 727) 53-40-01 X 53-40-03 Fuselage Stringers - Section 44 Χ Χ Fuselage Intercostals - Section 44 53-40-04 Frames - Section 44 Χ 53-40-07 Bulkhead (BS 727) Χ 53-40-08 53-40-08 Bulkhead (BS 540) Χ 53-40-08 Bulkhead (BS 663) Χ

_				_	_	_		_	_	
_	_	_	_	_	т	т	١,	•	т	Υ
-	-	-	-				w			

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

**FUSELAGE STRUCTURE** PRIMARY ATA NUMBER **DESCRIPTION SECONDARY PSE** OTHER 53-40-12 Keel Beam - Section 44 Χ Χ 53-40-13 Crease Beam - Section 44 53-40-14 Main Landing Gear Structure X Door Surround Structure - Section 44 Χ 53-40-15 53-40-50 Main Deck Floor Panels - Section 44 X 53-40-51 Floor Structure - Section 44 X Seat Tracks - Section 44 53-40-52 X Wing-to Body Fairing Skins - Section 44 53-40-70 Χ 53-40-71 Wing-to Body Fairing Structure - Section 44 Χ Fuselage Skin - Section 46 (BS 727 to BS 888) 53-60-01 X 53-60-03 Fuselage Stringers - Section 46 X Fuselage Intercostals - Section 46 53-60-04 Χ Frames - Section 46 X 53-60-07 Keel Beam Extension - Section 46 X 53-60-12 53-60-13 Beams - Section 46 Χ 53-60-15 Door Surround Structure - Section 46 Χ Main Deck Floor Panels - Section 46 53-60-50 X Floor Structure - Section 46 Χ 53-60-51 Seat Tracks - Section 46 Χ 53-60-52 53-60-53 Aft Cargo Compartment Floor Panels X 53-60-53 Aft Cargo Compartment Floor Structure Χ Wing-to-Body Fairing Skin - Section 46 53-60-70 X X 53-60-71 Wing-to-Body Fairing Structure - Section 46 53-70-01 Fuselage Skin - Section 47 (BS 888 to BS 1016) Χ Fuselage Stringers - Section 47 Χ 53-70-03 53-70-04 Χ Fuselage Intercostals - Section 47 53-70-07 Frames - Section 47 X

E	F	F	E	C	T	Ι	۷	Ι	T	Y	
---	---	---	---	---	---	---	---	---	---	---	--

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

**FUSELAGE STRUCTURE** PRIMARY **SECONDARY** ATA NUMBER **DESCRIPTION** OTHER PSE Door Surround Structure - Section 47 Χ 53-70-15 |Passenger Compartment Floor Panels - Section Χ 53-70-50 47 X 53-70-51 Floor Structure Χ Seat Tracks - Section 47 53-70-52 Aft Cargo Compartment Floor Structure -X 53-70-53 Section 47 Aft Cargo Compartment Floor Panels - Section Χ 53-70-53 47 Fuselage Skin - Section 48 (BS 1016 to BS Χ 53-80-01 1156) Χ 53-80-03 Fuselage Stringers - Section 48 X 53-80-04 Fuselage Intercostals - Section 48 Frames - Section 48 53-80-07 X Bulkhead (BS 1156) X 53-80-08 Χ 53-80-08 Bulkhead (BS 1016) X Bulkhead (BS 1088) 53-80-08 Χ 53-80-13 Horizontal Beams - Section 48 Х 53-80-13 Torque Box Beams Χ Door Surround Structure - Section 48 53-80-15 X 53-80-30 APU Air Inlet Liner Assembly Χ 53-80-70 Tailcone Χ 53-80-70 Stabilizer-to-Body Fairing Seal Tailskid Fairing Skin X 53-80-70 Body-to-Rudder Seal Retainer - Section 48 χ 53-80-70 Χ Fairing Structure - Section 48 53-80-71 Χ Stabilizer-to-Body Fairing Sliding Seal 53-80-71 Structure Body-to-Rudder Seal Retainer X 53-80-71

E	F	F	E	С	T	Ι	۷	Ι	T	Y

Date: 02/08/2006 : Time: 13:01:44 Software Release: 2.9.0 SP10 1024

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

	FUSELAGE STRUCTURE			
ATA NUMBER	DECEDITION	PR	IMARY	CECONDARY
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDARY
53-80-90	Attachment Fittings - Section 48	Х		
56-10-02	Flight Compartment Window Structure	Х		
56-20-02	Cabin Window Structure	х		
56-30-02	Emergency Exit Door Window Structure	Х		
56-30-02	Forward Entry/Galley Door Window Structure	х		
56-30-02	Aft Entry/Galley Door Window Structure	Х		

- 7. The primary and secondary structures for the nacelles and pylons are given in Table 3.
  - A. Engine primary structure include:
    - (1) Strut skins, bulkheads, spars, fittings, and pins
    - (2) Strut-to-wing attachments, links, brace, and pins.

Table 3

	NACELLES AND PYLONS STRUCTURE	DD 1	[MARY		
ATA NUMBER	DESCRIPTION		OTHER	SECONDARY	
54-10-01	Inlet Cowl Skin			Х	
54-10-02	Inlet Cowl Structure			Х	
54-10-90	Inlet Cowl Fittings			Х	
54-20-01	Fan Cowl Skin			Х	
54-20-02	Fan Cowl Structure			Х	
54-20-90	Fan Cowl Fittings			Х	
54-30-01	Fan Duct/Thrust Reverser Aft Cowl			Х	
54-30-01	Fan Duct/Thrust Reverser Cowl			Χ	
54-30-02	Thrust Reverser Inner Duct Wall			Х	
54-30-02	Thrust Reverser Torque Box Structure			Χ	
54-30-70	Fan Duct/Thrust Reverser Fairing Skin			Х	
54-30-90	Fan Duct/Thrust Reverser Cowl Fittings			Х	
54-40-20	Turbine Exhaust Structure			X	
54-50-01	Strut Side Skins	Χ			

Date: 02/08/2006 : Time: 13:01:44 Software Release: 2.9.0 SP10 1024

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

	NACELLES AND PYLONS STRUCTURE		· · · · · · · · · · · · · · · · · · ·	
ATA NUMBER	DESCRIPTION	PR	MARY	SECONDARY
ATA NONDER			OTHER	SECONDART
54-50-02	Strut Upper Spar	Х		
54-50-02	Strut Lower Spar	Х		
54-50-70	Strut Forward Fairing Skin			Х
54-50-70	Strut-to-Wing Junction Fairing			Х
54-50-70	Strut Aft Fairing Skin			Х
54-50-71	Strut Forward Fairing Structure			Х
54-50-71	Strut Aft Fairing Structure			Х
54-50-71	Thrust Reverser/Strut Fairing Structure			Х
54-50-90	Strut/Torque Box Frame		Х	
54-50-90	Strut/Torque Box Bulkhead	Х		
54-50-90	Strut Fittings	Х		
54-50-90	Strut-to-Wing Fittings	Х		

- 8. The primary and secondary structures for the stabilizers are given in Table 4.
  - A. Stabilizer primary structure include:
    - (1) Inspar skins
    - (2) Elevator skin, spars, ribs, and fittings
    - (3) Vertical Stabilizer lower close rib
    - (4) Front and rear spar chords, webs, and lugs
    - (5) Terminal, pivot, and jackscrew fittings
    - (6) Horizontal Stabilizer center section primary and thrust beams.
    - (7) Rudder skin and structure.

Table 4.

ATA NUMBER	DESCRIPTION	PR	IMARY	SECONDARY
	DESCRIPTION	PSE	OTHER	SECUNDAR I
55-10-01	Horizontal Stabilizer Skin	X		
55-10-01	Horizontal Stabilizer Leading Edge Skins			Χ
55-10-01	Horizontal Stabilizer Trailing Edge Skins			Х
55-01-04	Horizontal Stabilizer Upper Lower Intercostals		Х	

EFFECTIVITY

ALL

51-00-04-0G

11/01/2003

Date: 02/08/2006 ; Time: 13:01:44 Software Release: 2.9.0 SP10 1024 REV 25, Nov. 10/2005

BOEING	737-80	0
Structural	Repair	Manual

ATA NUMBER	DESCRIPTION		IMARY	SECONDARY
AIA NUMBEK	DESCRIFTION	PSE	OTHER	JECONDAR I
55-10-04	Horizontal Stabilizer Upper Inspar Intercostals		Х	
55-10-09	Horizontal Stabilizer Forward Box Ribs		Х	
55-10-09	Horizontal Stabilizer Torque Box Ribs		Х	
55-10-09	Horizontal Stabilizer Trailing Edge Ribs		Х	
55-10-10	Horizontal Stabilizer Front Spar	Х		
55-10-10	Horizontal Stabilizer Rear Spar	Х		
55-10-10	Horizontal Stabilizer Center Section Spar	х		
55-10-13	Horizontal Stabilizer Beams	х		
55-10-30	Horizontal Stabilizer Tip			Х
55-10-30	Horizontal Stabilizer Cove			Х
55-10-90	Horizontal Stabilizer Fittings - Pivot, Jackscrew, and Terminal	Х		
55-10-90	Horizontal Stabilizer Fittings	х		
55-20-01	Elevator Skins	х		
55-20-01	Elevator Tab Skins	х		
55-20-02	Elevator Leading Edge Structure	х		
55-20-02	Elevator Ribs	Х		
55-20-02	Elevator Rear Spar	X		
55-20-02	Elevator Tab Structure	х		
55-20-90	Elevator Fittings	х		
55-20-90	Elevator Tab Fittings	х		
55-30-01	Vertical Stabilizer Inspar Skins	х		
55-30-01	Vertical Stabilizer Leading Edge Skins			Х
55-30-01	Vertical Stabilizer Dorsal Fin Skin			X
55-30-04	Vertical Stabilizer Intercostals		Х	
55-30-05	Vertical Stabilizer Beams		Х	
55-30-09	Vertical Stabilizer Leading Edge Ribs			Х

EFFECTIVITY

ALL

51-00-04-0G

Page: 10 11/01/2003

REV 25, Nov. 10/2005

### BOEING 737-800 Structural Repair Manual

STABILIZER STRUCTURE PRIMARY								
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDARY				
55-30-09	Vertical Stabilizer Inspar Ribs		х					
55-30-09	Vertical Stabilizer Trailing Edge Ribs			Х				
55-30-09	Vertical Stabilizer Dorsal Fin Ribs			Х				
55-30-10	Vertical Stabilizer Front Spar (Chords and Webs)	Х						
55-30-10	Vertical Stabilizer Rear Spar (Chords and Webs)	Х						
55-30-13	Vertical Stabilizer Beams	х						
55-30-30	Vertical Stabilizer Tip			Х				
55-30-30	Vertical Stabilizer Cove			X				
55-30-90	Vertical Stabilizer Front Spar Terminal Fittings	х						
55-30-90	Vertical Stabilizer Rear Spar Terminal Fittings	Х						
55-30-90	Vertical Stabilizer Fittings (Except the Terminal Fittings)		Х					
55-40-01	Rudder Skin	х						
55-40-02	Rudder Ribs	х						
55-40-02	Rudder Spar Ribs	х						
55-40-02	Balance Arm Structure	X						
55-40-03	Rudder Tip			Х				

- 9. The primary and secondary structures for the wings are given in Table 5.
  - A. Wing box skins are primary structure and include segments and attachments to other structures as follows:
    - (1) Stringers
    - (2) Spar chords
    - (3) Keel beam
    - (4) Floor beam
    - (5) Fuselage drag angle
    - (6) Lower beam at BL 41.0

Rudder Fittings

Ε	F	F	Ε	С	Τ	Ι	٧	Ι	T	Υ	

55-40-90

Χ

Date: 02/08/2006 ; Time: 13:01:45 Software Release: 2.9.0 SP10 1024

REV 25, Nov. 10/2005

#### BOEING 737-800 Structural Repair Manual

- (7) Fittings
- (8) Rib shear ties
- (9) Flap tracks.
- B. Other wing box primary structures include:
  - (1) Front and rear spar chords, stiffeners, rib posts, webs, and terminal fittings
  - (2) Keel beam stiffeners at the rear spars.
- C. Wing center section primary structures include:
  - (1) Skins, including segments and attachments to stringers, spar chords, keel beam, fuselage drag angle, and lower beam at BL 41.0
  - (2) Spanwise beams
  - (3) Floor beams
  - (4) Lower beam at BL 41.0
  - (5) Side of body splices, rib webs, and stiffeners
  - (6) Spars.
- D. Wing trailing edges primary structure include:
  - (1) Main landing gear beams
  - (2) Trunnion housings, fittings and pins
  - (3) Gear beam support fittings, pins, and fuse pins
  - (4) Stabilizer links, fuse pins, and fittings
  - (5) Inboard and outboard main flaps which include:
    - (a) Support track assemblies
    - (b) Support fitting assemblies
    - (c) Support links and pins
    - (d) Main flap inspar skins, spars, ribs, fittings, links, torque tube, and carriage assemblies.
    - (e) Aft flap track support assemblies
- E. Spoiler primary structure include inboard actuator fittings.

#### Table 5.

	WING STRUCTURE				
ATA NUMBER	DECCRIPTION	PR	IMARY	CECONDARY	
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDARY	
57-10-01	Wing Center Section Upper Skin	Х			
57-10-01	Wing Center Section Lower Skin	Х			
57-10-03	Wing Center Section Stiffeners	Х			
57-10-10	Wing Center Section Rear Spar - Not Including the Lower Left Web And Lower Right Web (GFRP)	Х			
57-10-10	Wing Center Section Rear Spar - Lower Left And Right Web (GFRP)		Х		

_			Ι	v	1	

Date: 02/08/2006 : Time: 13:01:45 Software Release: 2.9.0 SP10 1024 REV 25, Nov. 10/2005

# BOEING 737-800 Structural Repair Manual

ATA NUMBER	NECCDIDITION .	PR	IMARY	CECOND ADV
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDARY
57-10-10	Wing Center Section Front Spar	Х		
57-10-13	Wing Center Section Support Beams	Х		
57-10-13	Wing Center Section Span Wise Beams	Х		
57-20-01	Outer Wing Lower Skin	Х		
57-20-01	Outer Wing Upper Skin	Х		
57-20-03	Outer Wing Lower Stringers	Х		
57-20-03	Outer Wing Upper Stringers	Х		
57-20-09	Outer Wing Ribs	Х		
57-20-10	Outer Wing Front Spar	Х		
57-20-10	Outer Wing Rear Spar	Х		
57-20-90	Outer Wing Front Fittings	Х		
57-30-01	Wing Tip Skin			X
57-30-02	Wing Tip Structure			Χ
57-41-01	Wing Inboard Fixed Leading Edge Skin			X
57-41-01	Wing Outboard Fixed Leading Edge Skin			X
57-41-02	Wing Inboard Fixed Leading Edge Structure			X
57-41-02	Wing Outboard Fixed Leading Edge Structure			Х
57-42-01	Wing Slat Leading Edge Skin			Х
57-42-02	Wing Slat Leading Edge Structure			Х
57-43-02	Wing Leading Edge Flap Structure			Х
57-43-90	Wing Leading Edge Flap Fittings			Х
57-51-01	Wing Fixed Trailing Edge Skin			Х
57-51-02	Wing Fixed Trailing Edge Structure			Х
57-51-14	Main Landing Gear Beam	Х		
57-53-01	Inboard/Outboard Trailing Edge Flap Skin (Structures Adjacent to and Between Supports on the Main Flap)			Х

EFFECTIVITY ---

51-00-04-0G

ALL

Page: 13 11/01/2003

Date: 02/08/2006 : Time: 13:01:45 Software Release: 2.9.0 SP10 1024 REV 25, Nov. 10/2005

# BOEING 737-800 Structural Repair Manual

	WING STRUCTURE	,		
ATA NUMBER	DESCRIPTION	PR	IMARY	SECONDARY
ATA NUMBER	DESCRIPTION	PSE	OTHER	SECONDAR I
57-53-02	Inboard/Outboard Trailing Edge Flap Structure (Structures Adjacent to and Between Supports on the Main Flap)	Х		
57-53-02	Inboard/Outboard Trailing Edge Flap Structure (Aft Flaps and Cantilevered Part of the Main Flaps)			Х
57-53-70	Wing Trailing Edge Flap Track Fairing Skin			X
57-53-71	Wing Trailing Edge Flap Track Fairing Structure			Х
57-60-01	Aileron Skin			X
57-60-01	Aileron Tab Skin			X
57-60-02	Aileron Structure			X
57-60-02	Aileron Tab Structure			X
57-60-90	Aileron Tab Fittings			Х
57-60-90	Aileron Fittings			X
57-70-01	Spoiler Tab Skin			X
57-70-01	Spoiler Inboard Skin			X
57-70-02	Spoiler Outboard Skin			Х
57-70-02	Spoiler Inboard Structure			Χ
57-70-02	Spoiler Outboard Structure			X
57-70-90	Spoiler Actuator Fittings	Х		