



MAJOR REPAIR

Number
9001091

Revision
--

Page 1 of 4

Release Date: 01/29/90

Title: **GTCP85-98/-98D/-129APU; 2nd Stage Diffuser Repair**

Affected Part Number(s):	379801; 379801-20
Application:	B727, DC9 & B737
Drawing(s):	11-968606

I CUSTOMER - MAJOR REPAIR INCORPORATION RECORD

AIR CARRIERS: The FAA (Federal Administration Association), requires all repair stations that perform maintenance for Air Carriers operating under FAR, Part 121 to perform such maintenance following that Air Carriers' Operation Specification. This FAA approved, Major Repair is beyond the scope of the current Original Equipment Manufacture's (OEM) Repair Manual. Therefore, all Part 121 Air Carriers who opt to use components repaired using the methods set forth within this repair must incorporate this repair in their applicable Operation Specification(s). Regulation may or may not be compliant or reciprocal with Air Carriers operating under foreign regulations.

REPAIR STATIONS/OTHER: BMP (Britt Metal Processing, Inc.) prefers your Company follow the same guidelines set forth for the Air Carriers.

Instructions: Please review this major repair and incorporate into your technical files. Return a signed copy of this acceptance record to our Document Control Department. If applicable, furnish a copy of your revised Operation Specification(s) that reflect incorporation of this repair.

Customers who sign below have authorized BMP to incorporate this FAA approved major repair procedure as a stand alone written document. Parts that require the repair embodied in this repair will be placed on hold pending proof of your acceptance. Thereafter, BMP will accomplish this major repair procedure without further notification.

Company Name

Date

Company Representative Signature

Printed Name

Title

Reference: CFR 14, FAR Part 121, Sub-Part L, and FAR 145.2

BMP-95



MAJOR REPAIR

Number
9001091

Revision
--

Page 2 of 4

Release Date: 01/29/90

Title: **GTCP85-98/-98D/-129APU; 2nd Stage Diffuser Repair**

REVISION INFORMATION

Revision	Description	Approved By:	Date
Original	This repair provides alternate specification for restoration of P/N 379801 and P/N 379801-20 diffusers.	T. L. Johnson	01/29/90

DESCRIPTION

- 1.0 This repair provides alternate specification for restoration of P/N 379801 and P/N 379801-20 diffusers as follows:
- 1.1 A revised repair plate "blank" used in conjunction with the vane repair of P/N 379801 and P/N 379801-20 second stage diffusers for the GTCP85 "small" compressor type APU's per Garrett Repair Manual 49-21-73.
- 1.2 The repair also retains the use of Hysol EA 929 adhesive between the vanes and plate in accordance with Garrett Repair Manual 49-21-73 prior to revision 10.

SUBSTANTIATION

ATTENTION: Substantiation Data is considered Proprietary and is not customarily included when major repairs are sent to our Customers. Please contact our Quality Control Department if you require any additional information.

DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE
 29 JAN 1990

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE GARRETT	MODEL NO. GTCP 85	TYPE (Airplane, Radio, Helicopter, etc.) APU	NAME OF APPLICANT BRITT METAL PROCESSING
-----------------	----------------------	---	---

LIST OF DATA

IDENTIFICATION	TITLE
9001091	GTCP - 98/-98D/-129 APU SECOND STAGE DIFFUSER
11-968606	PLATE, REPAIR: SECOND STAGE DIFFUSER

PURPOSE OF DATA
 DEFINE BMP DESIGNED MODIFICATION OF GARRETT APPROVED REPAIR MANUAL PROCEDURE

APPLICABLE REQUIREMENTS (List specific sections)

FAR 33.15

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (We) Therefore Recommend approval of these data
 Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBER(S)	CLASSIFICATION(S)
<i>Ired B. Jones</i>	SO-607	PROPULSION; SYSTEM & EQUIPMENT