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**FAA APPROVED
ROTORCRAFT FLIGHT MANUAL SUPPLEMENT
FOR
BELL MODEL 427**

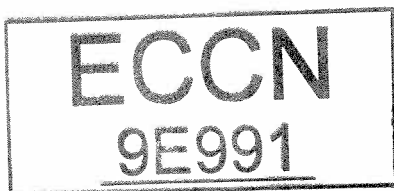
PASSENGER SLIDING DOOR KIT

REGISTRATION NO. _____

SERIAL NO. _____

This supplement shall be attached to the appropriate FAA approved Bell Helicopter Textron Model 427 Flight Manual when the AERONAUTICAL ACCESSORIES, INC. **PASSENGER SLIDING DOOR KIT** is installed in accordance with STC No. SR02381AT.

The information contained herein supplements the information of the Basic Flight Manual. For limitations, procedures, and performance data not contained in this supplement, consult the Basic Flight Manual and applicable Flight Manual Supplements.



FAA Approved:

David Crew

for Manager, Aircraft Certification Office
FEDERAL AVIATION ADMINISTRATION
Atlanta, GA

FAA Approved
Date: **OCT 02 2001**

AA-99080, No Rev.
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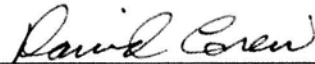
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PASSENGER SLIDING DOOR KIT

LOG OF REVISIONS

Rev.	Pages Affected	Description
---	All	Original FAA-approved Release

FAA Approved:



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PASSENGER SLIDING DOOR KIT

INTRODUCTION

The AERONAUTICAL ACCESSORIES, INC. **PASSENGER SLIDING DOOR KIT** permits operators of Bell 427 Model aircraft to slide the passenger door(s) completely open to allow free access to the passenger compartment. The aircraft may be operated with either the door(s) opened or closed, depending upon flight requirements.

SECTION 1: LIMITATIONS

TYPE OF OPERATIONS

1. With door(s) closed: Normal operating limitations apply.
2. With door(s) open: Door must be fully open during flight.

AIRSPPEED

1. With door(s) closed: Normal airspeed limitations apply.
2. With door(s) open: Vne 80 KIAS.
3. Opening and Closing of door(s): Vne 50 KIAS.

CAUTION

When opening and closing door(s) maintain firm hand hold until door(s) is fully opened or closed.

WARNING

ALL PASSENGERS MUST BE SECURED BY SEAT BELTS AND SHOULDER HARNESS PRIOR TO DOOR(S) OPEN OPERATIONS.

SECTION 2: NORMAL PROCEDURES

PREFLIGHT EXTERIOR CHECK

1. Fuselage: Cabin Left or Right Side or Both Sides

Passenger Sliding Door – Condition. Tracks, Sliders, Stops, and Brackets secured.

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OPERATION

1. Shutting the door from inside the helicopter is best achieved by using one hand on the forward interior handle, while sliding the door fully forward. Pull inboard with your other hand on the aft interior handle to engage the rear latches.
2. Opening the door from inside the helicopter is best achieved by unlatching and pushing the door fully outboard at the rear with the aft interior handle and using the forward interior handle slide the door fully back to the stops.

SECTION 3: EMERGENCY/MALFUNCTION

TABLE 1: Caution (amber) lights/messages

PANEL WORDING	FAULT CONDITION	CORRECTIVE ACTION
PASSENGER DOOR	Passenger Sliding Door is not fully closed.	If it is intended that the sliding door be closed, accomplish the following: On ground: 1) Latch door closed while pulling firmly on the rear door handle. In flight, with rear seat occupant: 1) Reduce airspeed to 50 KIAS or less. 2) Have rear seat occupant close and latch door. In flight, without rear seat occupant: 1) Reduce airspeed to 50 KIAS or less. 2) Land as soon as practical and latch door.

SECTION 4: PERFORMANCE

Reduce basic rate of climb chart data 50 feet per minute when operating with Passenger Sliding Door(s) open.