

TOILET - SERVICING

1. General

- A. Two types of toilets are utilized on the Citation aircraft. A non-flush type utilizes a waste container, disposable bag and a relief tube for waste disposal. A flush type utilizes a waste container for solid and liquid waste and a liquid reservoir for flushing the bowl assembly.
- B. The flush-type toilet reservoirs should be serviced after each flight; however, they must be serviced when liquid level becomes too low for proper operation or when liquid appears to have incorrect chemical balance.
- C. To ensure flush-type toilet recirculating systems operate properly during freezing conditions, an ethylene-glycol base anti-freeze containing anti-foam agent may be added to the flush liquid.

2. Tools and Equipment

NOTE: Equivalent substitutes may be used for the following items:

<u>NAME</u>	<u>NUMBER</u>	<u>MANUFACTURER</u>	<u>USE</u>
Chemical Deodorant, Toilet (Aerofresh)		Commercially available	Servicing toilet.
Disinfectant Spray (Lysol)		Commercially available	Cleaning toilet.
Chemicals	DG19	Monogram Industries, Inc. Venice Division 3226 Thatcher Ave. Venice, CA 90291	Servicing toilet.
Soap	PS619	Commercially available	Cleaning toilet.
Trichlorethane	OT634	Commercially available	Cleaning toilet.

CAUTION: FLUID IS CORROSIVE TO STRUCTURE AND ELECTRICAL CONNECTORS. USE EXTREME CARE TO PREVENT SPILLAGE WHEN SERVICING TOILET.

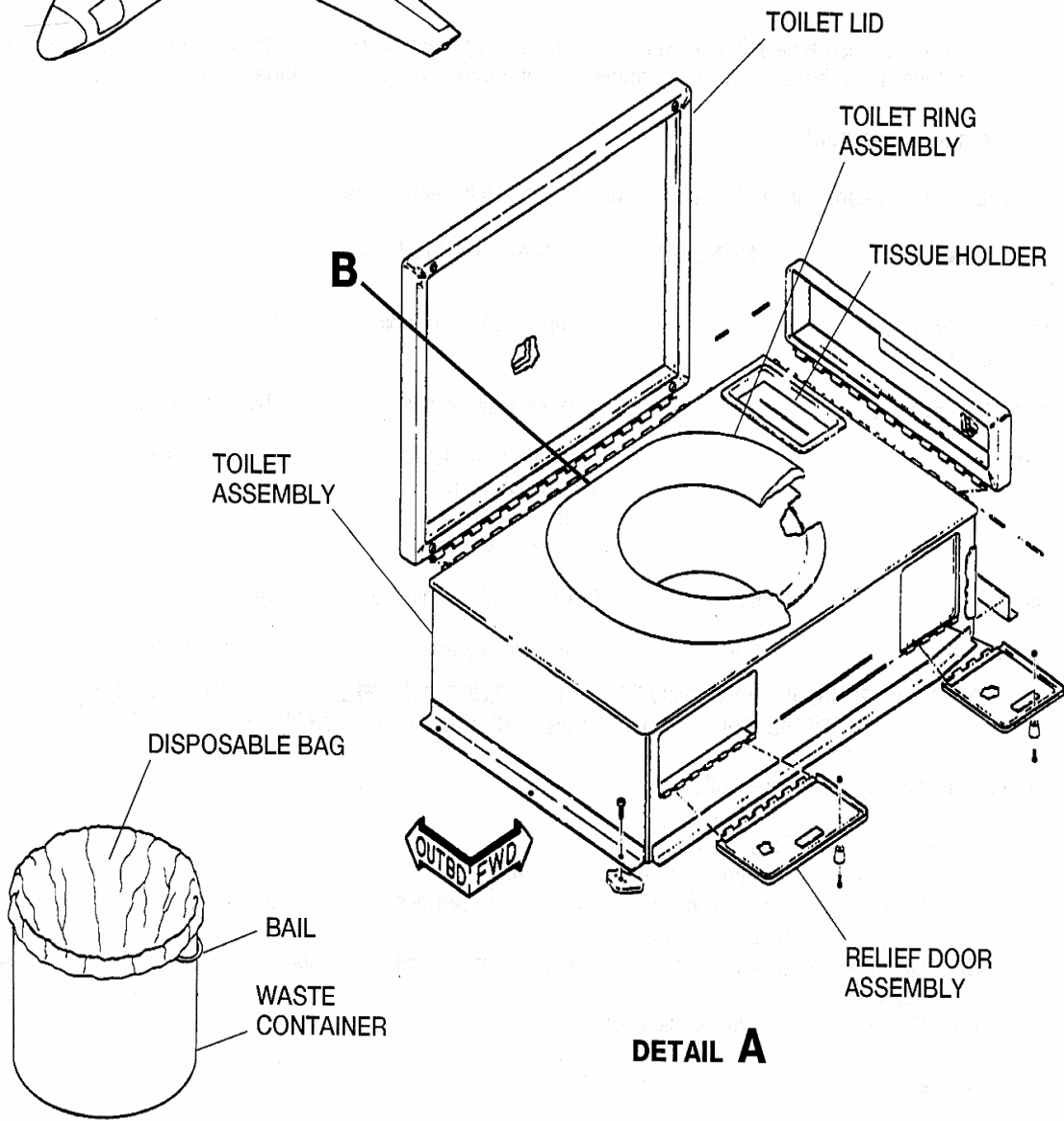
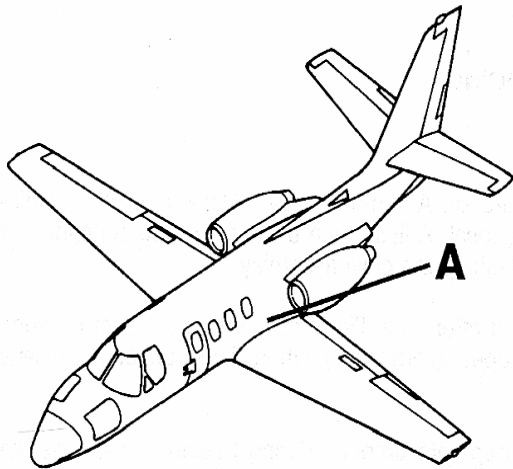
3. Servicing Non-Flush-Type Toilet

- A. Servicing(Refer to Figure 301).
 - (1)Lift toilet lid and remove toilet ring assembly.
 - (2)Lift waste container from toilet assembly and remove from aircraft. Remove waste bag from waste container and dispose.

- (3) Clean waste container and toilet ring assembly with a disinfectant each time the toilet is serviced..
- (4) Clean relief tube with a disinfectant.

NOTE: The waste container and relief tube may be rinsed with toilet chemical deodorant to subdue persistent odor

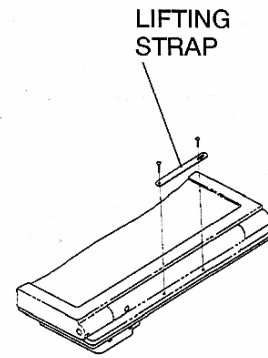
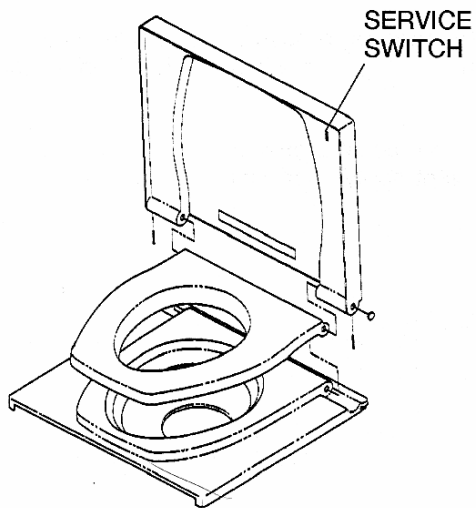
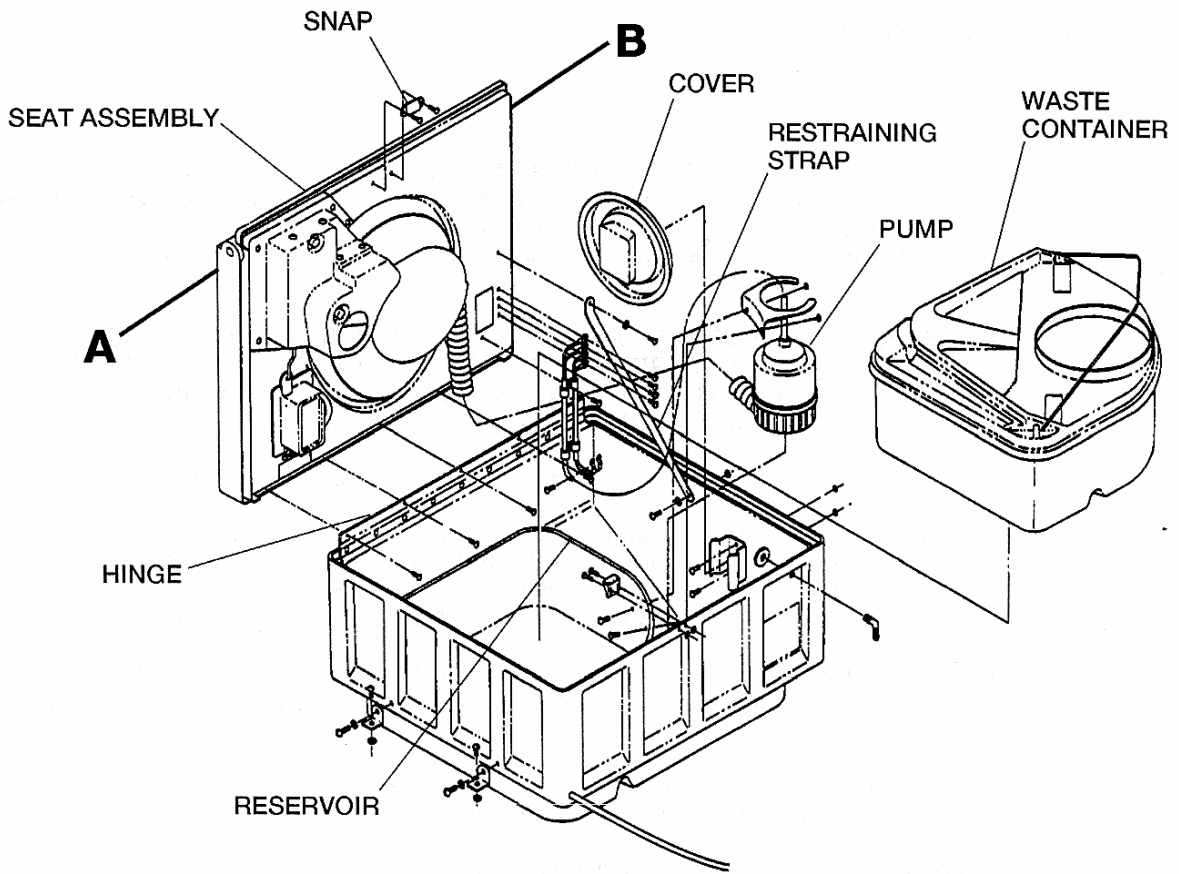
- (5) Install a new disposable bag in the waste container and position waste container in center of toilet assembly resting on the pan.
- (6) Install toilet ring assembly in position with apron of the toilet ring nesting in the waste container.



DETAIL B

DETAIL A

Non-Flush Toilet Servicing
Figure 301 (Sheet 1)



Flush Toilet Servicing
Figure 302 (Sheet 1)

4. Servicing Flush-Type Toilet

A. Servicing (Refer to Figure 302)

(1) Reservoir

- (a) Raise seat cover.
- (b) With aircraft battery switch ON, activate flushing pump by inserting a coin, key or metal object in slot located on the top righthand corner of the raised cover. Maintain contact until flushing liquid is pumped into waste container.
- (c) Add proper mixture of water and chemical (approximately two gallons of liquid) inside of reservoir.

CAUTION: IF TEMPERATURES ARE BELOW FREEZING AND AIRCRAFT IS TO BE STORED IN AN UNHEATED HANGER, ADD ANTI FREEZE TO BOTH CONTAINERS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

- (d) Empty waste container and service in accordance with service procedures.

(2) Waste Container

- (a) Lift seat assembly by lifting strap at rear of lid assembly.
- (b) Hinge assembly forward to full open position until resting on the retaining strap.
- (c) Remove cover from bracket and snap into place on waste container.
- (d) Lift waste container from reservoir and dispose of waste in commode. Rinse waste container.
- (e) Add approximately one quart water and appropriate amount of chemical according to manufacturer's recommendations (approximately one to two ounces per gallon of water).

NOTE: It may be desirable to use a milder type of chemical for flushing and a more effective odor masking chemical in the waste container.

- (f) Reinstall waste container in the toilet assembly.

NOTE: Press down firmly on container corners to assure proper placement of seal in groove so as to prevent leakage of flushing liquid into container receptacle.

- (g) Remove waste container cover and stow in bracket provided.
- (h) Clean toilet inside and out with a disinfectant spray each time it is serviced.
- (i) Close seat assembly.

(3) Napkin Dispenser

- (a) Pull out storage drawer.
- (b) Insert napkin box in receptacle shelf.
- (c) Close storage drawer.