

*IPMS FAME CITIES  
NEWSLETTER*

*AKRON/CANTON, OHIO*

*VOLUME 3, NUMBER 4*

*APRIL, 2007*



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**APRIL NEWS**

This issue of Scale Scribblings is our largest ever, both in number of pages and number of members on the distribution list. It also marks our first full scale reference feature, on the F-100 Super Sabre, beginning on Page 6.

The March meeting was well attended, with a nice collection of models, and it saw the return of the demo (details on Page 3). Demos are very popular, and a great way to learn new methods for improving your models. Anyone either wishing to present a demo or who has a demo they would like to see can either contact an E-Board member or bring it up at a meeting.

President Mike Meredith read a letter from MAPS Air Museum, inquiring about our interest in holding a contest on their site in conjunction with one of their other events. This sparked a lively discussion of the pros and cons (mostly the latter). On April 3, Mike, Ed Kinney, Larry Davis and Bob Ulrich met with MAPS officials. The meeting was encouraging, and will be discussed at the April club meeting.

Our annual Kit Auction was held March 25, with about 20 members in attendance. Sales were pretty brisk, meaning that we basically came with kits and went home with other kits. Auctioneer John Noack was in his usual comedic mode, offering pithy commentary throughout the auction.

Regarding April's 'Made In Japan' contest, Bill Weckel is asking everyone to bring in any Japanese models they might have, whether or not you plan to enter the contest. Hobbylink Japan has provided a very nice awards package of kits, and we would like to be able to send them some photos of full tables. Prizes include the brand new Tamiya 1/48 F-16, so it's worth your while to attend and enter the contest.

Larry Davis reported on his trip to Hollywierd (yes, that was intentional) to be interviewed for a History Channel episode of 'Dogfights'. The episode will be either the first or second of the new season, and will be aired sometime in July. We'll keep you posted.

Ed Kinney talked at length about the upcoming IPMS National elections, and the importance of voting. There are some very important races involving people most of us don't really know. Anyone with questions is encouraged to talk with Ed, as he knows everyone running. Hell, at his age he knows everybody, period.

Next meeting April 18

Green Public Library

**APRIL CONTEST**

**MADE IN JAPAN**

April's contest theme is 'Made In Japan'. This is open to any model that represents something that was actually made in Japan, and does not include items made elsewhere bearing Japanese markings. For example, in aircraft a Mitsubishi F-1 would be eligible, while an F-4 Phantom in JASDF colors would not be. Bill Weckel has assembled an impressive awards package, courtesy of Hobbylink Japan, so bring in those models! Raid your collection for any Japanese subjects, even if you don't plan to enter.

**INSIDE**

March Models Page 2 and 3

F-4 Fod Covers Page 4 and 5

F-100 Details Page 6 to 13

# Scale Scribblings

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## APRIL MODELS



Steve Reisch brought this Pete floatplane



Ed Kinney's F2G Corsair Racer



Autoblinda armored car by Rick Slagle



Mkie Meredith finished his BF-110



A 1965 Grand Prix by Jack Norton



A Hasegawa P-40E by Bob Ulrich



Gary Wolfe's USS Intrepid

# Scale Scriblings

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Youthful newcomer Cody Ries M3 Lee



John Shimek's AV-8B Harrier (built for his active duty Marine son).



Another beautiful biplane by Ryan Newell



Mike Meredith's in progress KI-84 Frank

## MARCH DEMO

Ed Kinney presented a triple-header demo for the March meeting, covering the application of washes, the use of pastels for weathering, and the use of Epoxy Sculpt putty.

This was hands on presentation, as seen in the photo to the lower right of Steve Reisch and Ken Patterson trying out some of Ed's techniques on a sample model. As Ed demonstrated, weathering isn't that difficult if you have the right tools and supplies and take your time. The more fastidious among us might take issue with removing excess wash with spit, but.....

The Epoxy Sculpt demo was especially interesting to those of us who have found Milliput to be less than satisfying. Ed also demonstrated that doing one of these demos is something anyone can do, so don't be afraid to step up. And you don't have to do three in one.



**AIRCRAFT ACCESSORY REVIEW**

By Ken Patterson

Cleveland Model Resins

1/48 F-4 Phantom Intake FOD Covers for Hasegawa

Item CMR48002 MSRP \$6.49

As Kansas City was the first National Convention I had ever attended to say that I was overwhelmed is an understatement. Approximately 2000+ models and everything you can possibly imagine including kits, books, resin and photo etch accessories and tools all under one roof! The first booth at the entrance of the vendor area was Sprue Brothers ([www.spruebrothers.com](http://www.spruebrothers.com)). Sprue Brothers is carrying a new line of resin detail sets for jet fighter aircraft from Cleveland Model Resins (formerly Aerodynamix Models) based in the U.K.

This review deals with the 1/48 F-4 Phantom J-79 engine FOD covers from Cleveland Model Resins. To date I am only aware of the Eduard photo-etched and the resin parts from Steel Beach Accessories. The Eduard FOD covers have to be constructed from about four pieces and are very tedious to put together and are extremely fragile, thus generating large amounts of profanity from the modeler. Anyone who has used these knows that if not careful things can get ugly in a hurry. The Steel Beach castings have to be separated from a large pour block creating some extra effort.



Cleveland Model Resins has cast a beautiful set of F-4 Phantom FOD covers to be used on the Hasegawa kits. This set replicates the three dimensional shape of the covers including the recessed "cavity" and it's horizontal and vertical reinforcement spars. The pieces are nicely cast and are already separated from the pour stub only requiring a small amount of clean-up to ensure a good fit. The big highlight is that they provide a small decal sheet containing the "REMOVE BEFORE FLIGHT" warning printed in both black and white – a very nice touch. This will add to the realism on your next Phantom model.

Also provided with the set is a small instruction sheet containing clean-up procedures paint guidelines and decal placement.

As you will see illustrated here, I plan to use these FOD covers on a Hasegawa 1/48 F-4E Phantom in-progress. I used a medium grit sanding stick to do some light clean-up on the parts. I noticed while test fitting the covers to the Phantom intakes that they would need some minor removal of some material on the inside "lip" of the covers. This too was achieved by using the medium grit sanding stick. After the clean-up was done I went over each cover with a fine grit sanding stick. I was able to get into the recesses of the FOD covers using various grits of micro-mesh polishing swabs

Once the clean-up was complete I soaked the parts overnight in Wesley's Bleach-White solution to remove any left over mold release residue and sanding dust. Bleach-White can be found at any local department store in the automotive section or at any automotive parts outlet. After a soak in Bleach-White I used an old tooth brush and lightly scrubbed the parts under lukewarm water then set them aside to dry



The Alclad primer/microfiller will take care of any sanding imperfections while providing a good base for the gloss insignia red color coat. I like the Alclad primer because it lays down very nice and can be sprayed right from the bottle without thinning. Once the primer was dry I used the micro-mesh swabs to clean some of the rough spots that appeared after being primed. After a quick wipe down to remove any small dirt or dust the FOD covers were now ready for the color coat. The color coat of Model Master Gloss Insignia Red (FS 11136) was airbrushed on the FOD covers a left to dry for at least 24 hours.

When I was satisfied with the wash I sprayed a coat of Testor's Dull Coat over the covers. This will give some "tooth" for the pastel application. I applied some dark and light gray pastels in various areas to show smudges and wear and tear. I wanted to "dirty" the covers a bit because they will be depicted on a heavily used combat aircraft. After the pastels were applied I sprayed a final coat of Testor's Semi-Gloss clear lacquer to give a more scale appearance to the covers. In all my references the FOD covers had more of a semi-gloss finish to them. The finished result can be seen in photo 4.



After the paint had sufficient drying time it was time to apply the "REMOVE BEFORE FLIGHT" decals on the covers. The instruction sheet shows where to place these as well as any good references you may have. I verified decal placement using the F-4E Phantom Lock-On from Verlinden publications. The gloss red provided a nice smooth surface for the decals so there was no need to spray on any clear gloss before applying them. The decals provided are printed with an ALPS printer and have a continuous carrier film so you have to carefully cut as close to the lettering as possible. The decals went down without any hassle and responded well to the Micro-Set and Micro-Sol solutions. Once applied, the decals were allowed to dry overnight.



When dry, a coat of Testor's Gloss Coat lacquer was applied to seal the decals and to prepare for the wash. I like to use the clear lacquers because of their fast dry time. This allowed me to apply a wash and some light weathering in the same evening. For my wash I use a mixture of black and burnt umber tube acrylics with about 12 parts water and a drop of liquid detergent. This gives sort of a murky brown

color as you can see in photo 3. I applied the wash in the recessed areas, in this case, with a pointed '5/0' brush and left to dry for about 30 minutes. When the wash was dry I removed the excess with a damp cotton swab.

I was very pleased with the result and I couldn't wait to see how they would look so I temporarily placed them on the unfinished model with some sticky tack. The covers fit much better without the sticky tack of course but I wanted to get some shots with them in place. Photos 5 and 6 show the FOD covers on my "Ready for SEA Camo" F-4E Phantom!



This set represents a high level of quality and is highly recommended for that next 1/48 Phantom project. A couple of many high points this set has to offer are:

- The lack of a pour stub allows for faster and easier clean-up
- The REMOVE BEFORE FLIGHT decals provided add to the realism



This set is available from Sprue Brothers [www.spruebrothers.com](http://www.spruebrothers.com) and other fine hobby shops

Cleveland Model Resins also produces the FOD covers in 1/32 scale for the Tamiya and Revell kits and in 1/72 and 1/48 scale for the Fujimi and Hasegawa kits with Spey engines. They produce some other resin accessories in 1/48 scale such as a pair of AIM-120A,B or C and AIM-9X missiles, ACMI pod, CBU-87 cluster bombs and Remove Before Flight flag decals.

# Scale Scribblings

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## March Meeting

Yes, this is filler. I had some empty space and a few miscellaneous shots from the meeting. This newsletter thing isn't as easy as it looks.....



Ken Patterson Sr. headed for the models.



Break time.



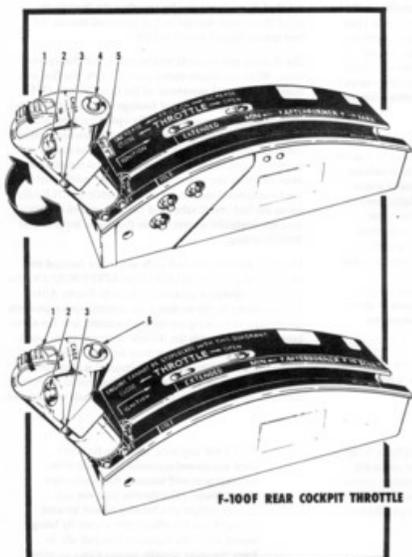
Mike Meredith looking pensive and Jerry Royer looking like, well, Jerry.

## Reference Feature - F-100 Super Sabre

Scale Scribblings is pleased to present our first in-depth reference article, on the F-100 Super Sabre. With the arrival of the Trumpeter 1/32 F-100 in June, and the F-100F at a later date, it seemed an appropriate time to offer this information to our members.

T.O. 1F-100D(1)-1

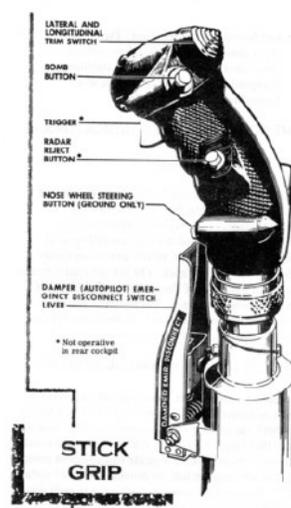
### THROTTLES



1. SPEED BRAKE SWITCH
2. MICROPHONE BUTTON
3. INTERPHONE CALL BUTTON (F-100F)
4. RIGHT ELECTRICAL CASING BUTTON AND LAWS VERTICAL GYRO CASING BUTTON
5. FRICTION LEVER
6. LAWS VERTICAL GYRO CASING BUTTON

**NOTE**  
Front grip only can be rotated for sight manual ranging (spring-loaded to full counterclockwise position).

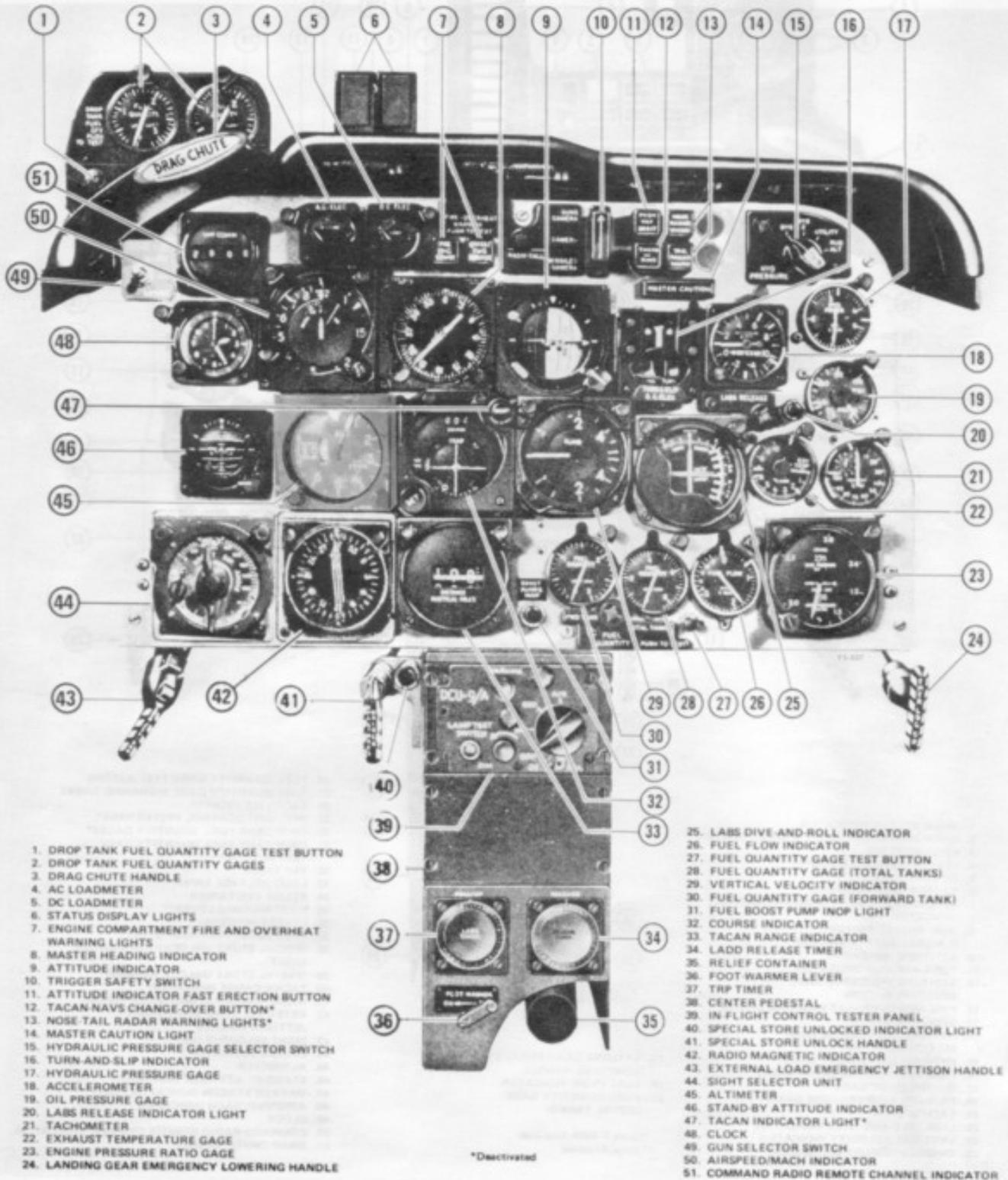
These illustrations are direct scans from official Air Force tech manuals, and should be essentially self explanatory. This month's edition concentrates on cockpit details, and next month's conclusion will cover airframe details, including landing gear. Note that these illustrations were originally done in black and white, so we did not delete any color.



If this article proves useful, let us know. Many of us have reference information like this, not just on aircraft, but on cars, tanks, etc. Any non-copyrighted material you would like to share is most welcome.

T.O. 1F-100D(I)-1

**INSTRUMENT PANEL-F-100D SOME AIRPLANES**



- 1. DROP TANK FUEL QUANTITY GAGE TEST BUTTON
- 2. DROP TANK FUEL QUANTITY GAGES
- 3. DRAG CHUTE HANDLE
- 4. AC LOADMETER
- 5. DC LOADMETER
- 6. STATUS DISPLAY LIGHTS
- 7. ENGINE COMPARTMENT FIRE AND OVERHEAT WARNING LIGHTS
- 8. MASTER HEADING INDICATOR
- 9. ATTITUDE INDICATOR
- 10. TRIGGER SAFETY SWITCH
- 11. ATTITUDE INDICATOR FAST ERECTION BUTTON
- 12. TACAN NAVS CHANGE-OVER BUTTON\*
- 13. NOSE-TAIL RADAR WARNING LIGHTS\*
- 14. MASTER CAUTION LIGHT
- 15. HYDRAULIC PRESSURE GAGE SELECTOR SWITCH
- 16. TURN-AND-SLIP INDICATOR
- 17. HYDRAULIC PRESSURE GAGE
- 18. ACCELEROMETER
- 19. OIL PRESSURE GAGE
- 20. LABS RELEASE INDICATOR LIGHT
- 21. TACHOMETER
- 22. EXHAUST TEMPERATURE GAGE
- 23. ENGINE PRESSURE RATIO GAGE
- 24. LANDING GEAR EMERGENCY LOWERING HANDLE

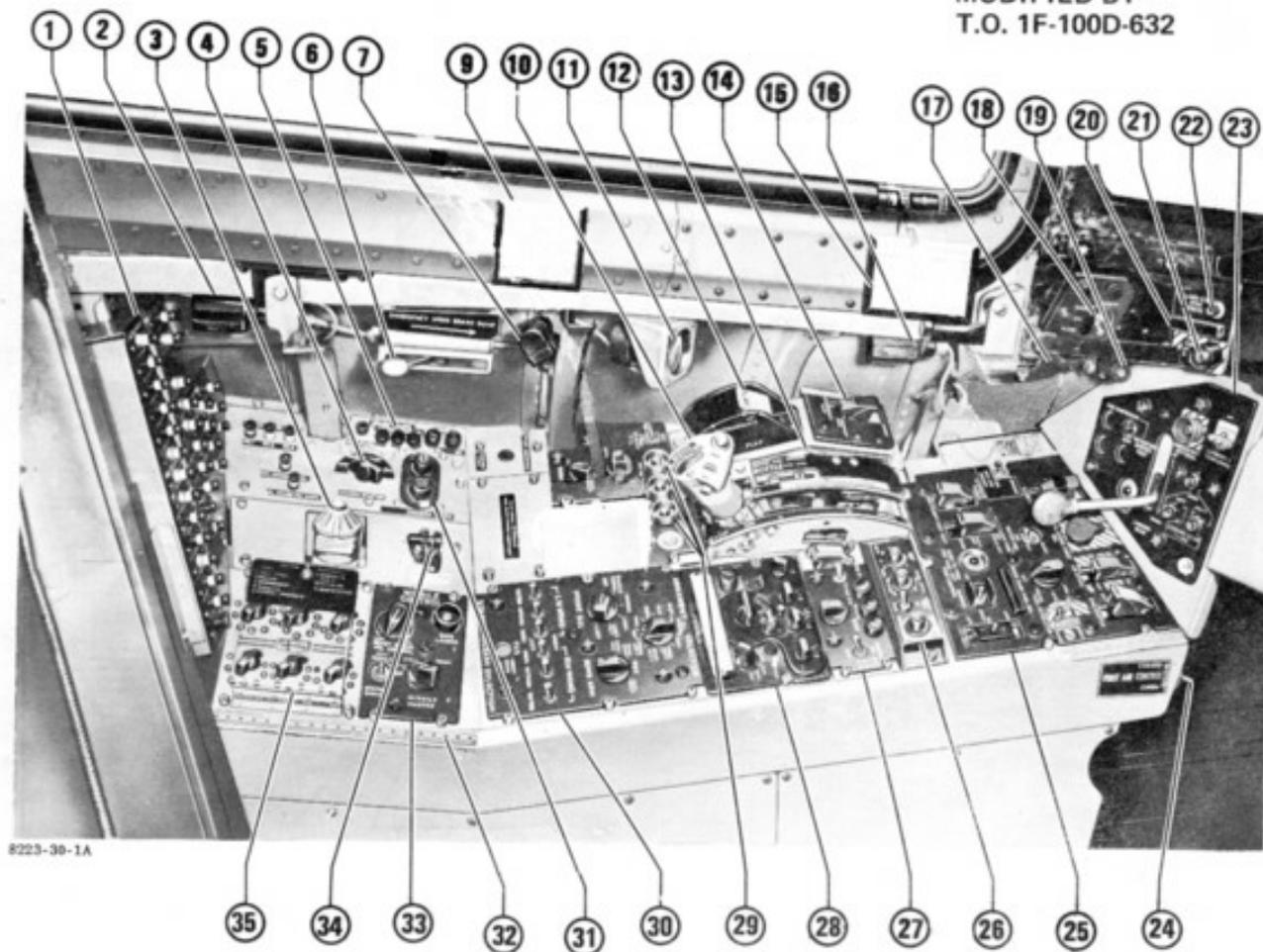
- 25. LABS DIVE-AND-ROLL INDICATOR
- 26. FUEL FLOW INDICATOR
- 27. FUEL QUANTITY GAGE TEST BUTTON
- 28. FUEL QUANTITY GAGE (TOTAL TANKS)
- 29. VERTICAL VELOCITY INDICATOR
- 30. FUEL QUANTITY GAGE (FORWARD TANK)
- 31. FUEL BOOST PUMP INOP LIGHT
- 32. COURSE INDICATOR
- 33. TACAN RANGE INDICATOR
- 34. LADD RELEASE TIMER
- 35. RELIEF CONTAINER
- 36. FOOT WARMER LEVER
- 37. TRP TIMER
- 38. CENTER PEDESTAL
- 39. IN-FLIGHT CONTROL TESTER PANEL
- 40. SPECIAL STORE UNLOCKED INDICATOR LIGHT
- 41. SPECIAL STORE UNLOCK HANDLE
- 42. RADIO MAGNETIC INDICATOR
- 43. EXTERNAL LOAD EMERGENCY JETTISON HANDLE
- 44. SIGHT SELECTOR UNIT
- 45. ALTIMETER
- 46. STAND-BY ATTITUDE INDICATOR
- 47. TACAN INDICATOR LIGHT\*
- 48. CLOCK
- 49. GUN SELECTOR SWITCH
- 50. AIRSPEED/MACH INDICATOR
- 51. COMMAND RADIO REMOTE CHANNEL INDICATOR

\*Deactivated

T.O. 1F-100D(I)-1

## F-100D COCKPIT LEFT SIDE

TER AIRPLANES  
MODIFIED BY  
T.O. 1F-100D-632



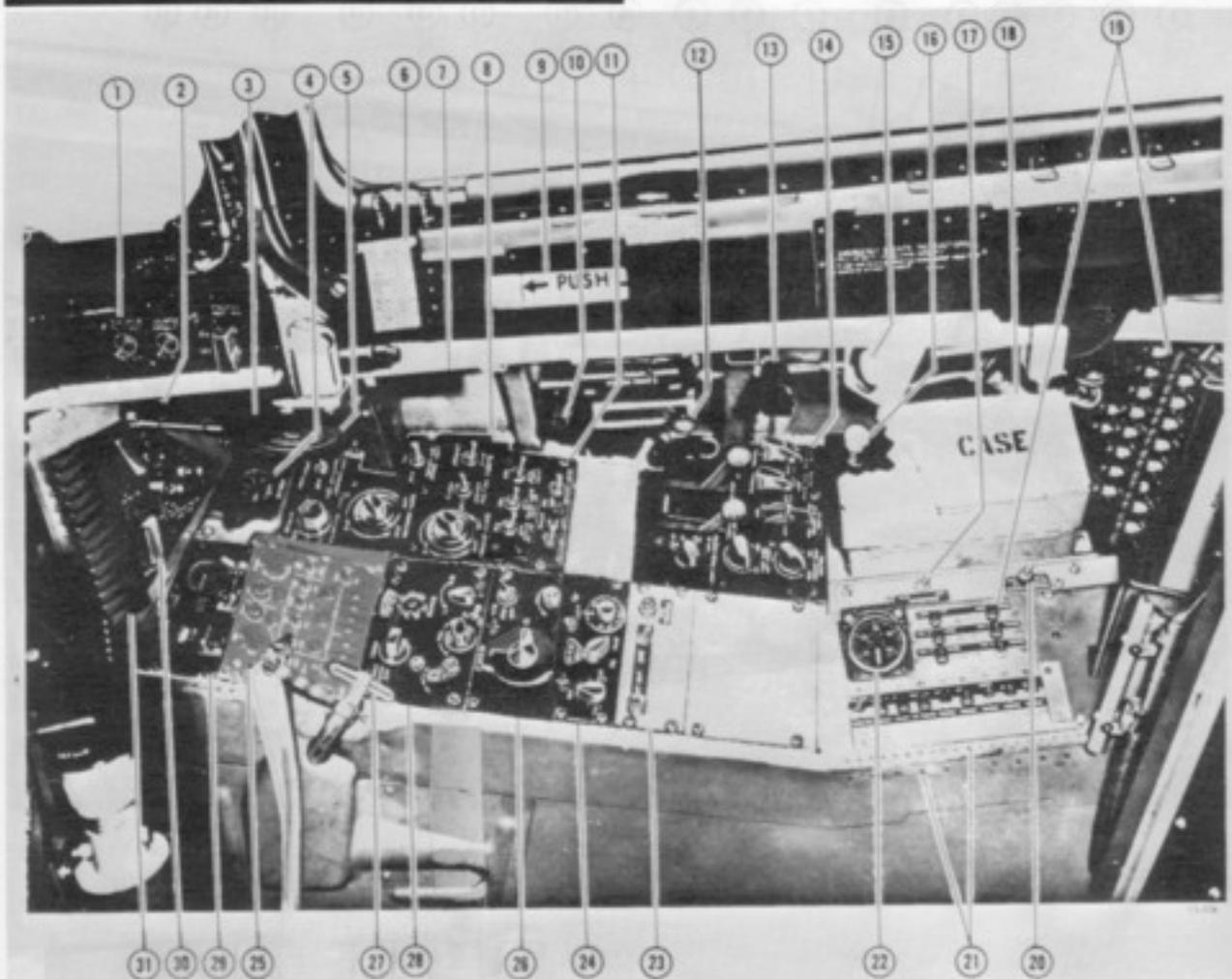
8223-38-1A

1. CIRCUIT-BREAKER PANEL
2. CONSOLE FLOODLIGHT
3. ANTI-G SUIT PRESSURE-REGULATING VALVE
4. CAMERA SHUTTER SELECTOR SWITCH
5. SPARE LAMPS
6. SPEED BRAKE EMERGENCY DUMP LEVER
7. CONSOLE FLOODLIGHT
8. DELETED
9. ALTIMETER CORRECTION CARD
10. THROTTLE
11. THUNDERSTORM LIGHT
12. WING FLAP HANDLE
13. THROTTLE FRICTION LEVER
14. FLAP EMERGENCY SWITCH
15. RADIO FREQUENCY SWITCH
16. CONSOLE FLOODLIGHT
17. INSTRUMENT PANEL FLOODLIGHT
18. CANOPY SWITCH

19. CONSOLE FLOODLIGHT
20. CANOPY-NOT-LOCKED CAUTION LIGHT
21. ARRESTING HOOK RELEASE BUTTON
22. LABS YAW-ROLL GYRO CHECK BUTTON
23. LANDING GEAR CONTROL PANEL
24. FOOT AIR CONTROL LEVER
25. ENGINE AND FLIGHT CONTROL PANEL
26. AWRS CONTROL PANEL
27. SEEK SILENCE CONTROL PANEL
28. COMMAND RADIO CONTROL PANEL
29. EXTERNAL LOAD AUXILIARY RELEASE BUTTONS
30. ARMAMENT CONTROL PANEL
31. GUN CAMERA TIMER
32. CONSOLE AIR OUTLETS
33. AIM-9B/E/J MISSILE CONTROL PANEL
34. GROUND FIRE SWITCH
35. PYLON LOADING CONTROL PANEL

T.O. 1F-100D(I)-1

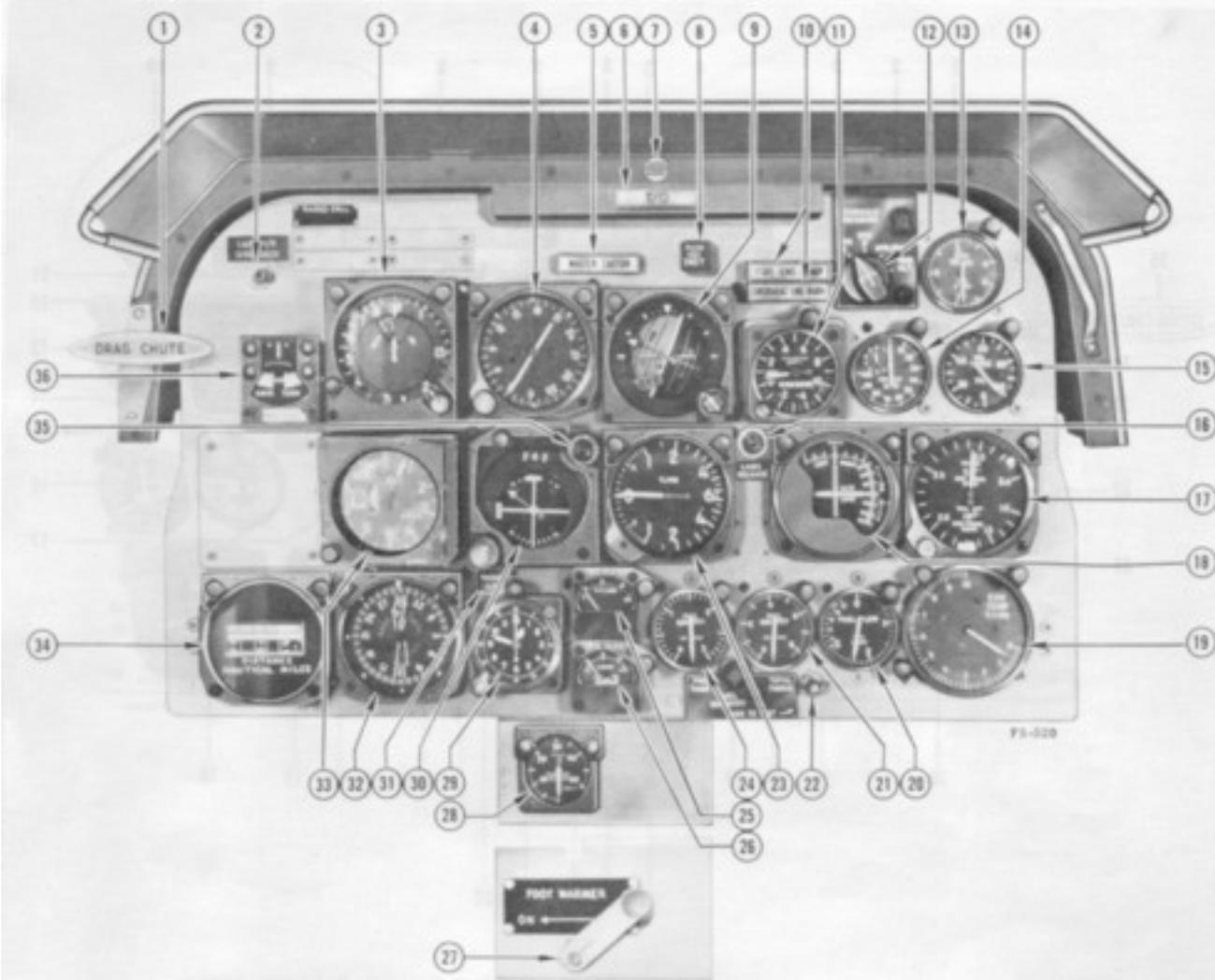
## COCKPIT—F-100D SOME AIRPLANES RIGHT SIDE



- |  |  |
|--|--|
| 1. STAND-BY INSTRUMENT INVERTER SWITCH PANEL         | 17. INTERPHONE SWITCH                          |
| 2. CONSOLE FLOODLIGHT                                | 18. MAP CASE                                   |
| 3. INSTRUMENT PANEL FLOODLIGHT                       | 19. CIRCUIT-BREAKER PANELS                     |
| 4. LIQUID OXYGEN QUANTITY GAGE                       | 20. DC FUEL BOOST PUMP TEST SWITCH*            |
| 5. NAVIGATION COMPUTER                               | 21. CONSOLE AIR OUTLETS                        |
| 6. MAGNETIC COMPASS CORRECTION CARD                  | 22. COCKPIT PRESSURE ALTITUDE INDICATOR        |
| 7. CONSOLE FLOODLIGHT                                | 23. RADAR BEACON CONTROL PANEL                 |
| 8. LIGHTING CONTROL PANEL                            | 24. J-4 COMPASS CONTROL PANEL                  |
| 9. CANOPY INTERNAL MANUAL EMERGENCY RELEASE HANDLE   | 25. IFF/SIF CONTROL PANEL                      |
| 10. COCKPIT UTILITY LIGHT                            | 26. TACAN CONTROL PANEL                        |
| 11. EXTERIOR FLOODLIGHT – ANTICOLLISION LIGHT PANEL* | 27. CANOPY ALTERNATE EMERGENCY JETTISON HANDLE |
| 12. FLIGHT CONTROL EMERGENCY HYDRAULIC PUMP LEVER    | 28. RADIO COMPASS CONTROL PANEL                |
| 13. CONSOLE FLOODLIGHT                               | 29. OXYGEN REGULATOR CONTROL PANEL             |
| 14. AIR CONDITIONING CONTROL PANEL                   | 30. ELECTRICAL CONTROL PANEL                   |
| 15. THUNDERSTORM LIGHT                               | 31. INDICATOR AND CAUTION LIGHT PANEL          |
| 16. GUN SIGHT GROUND TEST PLUG                       |  |

\*Some airplanes

T.O. 1F-100D(I)-1

**INSTRUMENT PANEL — F-100F REAR COCKPIT**


- |  |   |
|--|---|
| 1. DRAG CHUTE HANDLE                             | 18. LABS DIVE-AND-ROLL INDICATOR        |
| 2. LABS YAW-ROLL GYRO CHECK BUTTON               | 19. EXHAUST TEMPERATURE GAGE            |
| 3. AIRSPEED/MACH INDICATOR                       | 20. FUEL FLOW INDICATOR                 |
| 4. HEADING INDICATOR (MASTER HEADING INDICATOR*) | 21. FUEL QUANTITY GAGE (TOTAL TANKS)    |
| 5. MASTER CAUTION LIGHT                          | 22. FUEL QUANTITY GAGE TEST BUTTON      |
| 6. SPECIAL STORE INDICATOR LIGHT                 | 23. VERTICAL VELOCITY INDICATOR         |
| 7. WINDSCREEN MANUAL EMERGENCY RELEASE KNOB      | 24. FUEL QUANTITY GAGE (FORWARD TANK)   |
| 8. ATTITUDE INDICATOR FAST-ERECTION BUTTON       | 25. AC LOADMETER                        |
| 9. ATTITUDE INDICATOR                            | 26. DC LOADMETER                        |
| 10. FIRE- AND OVERHEAT-WARNING LIGHTS            | 27. FOOT WARMER LEVER*                  |
| 11. ACCELEROMETER                                | 28. COCKPIT PRESSURE ALTITUDE INDICATOR |
| 12. HYDRAULIC PRESSURE GAGE SELECTOR SWITCH      | 29. CLOCK                               |
| 13. HYDRAULIC PRESSURE GAGE                      | 30. COURSE INDICATOR                    |
| 14. TACHOMETER                                   | 31. TACAN ILS LIGHT                     |
| 15. OIL PRESSURE GAGE                            | 32. RADIO MAGNETIC INDICATOR            |
| 16. LABS RELEASE INDICATOR LIGHT                 | 33. ALTIMETER                           |
| 17. ENGINE PRESSURE RATIO GAGE                   | 34. TACAN RANGE INDICATOR               |
|  | 35. MARKER BEACON INDICATOR LIGHT       |
|  | 36. TURN-AND-SLIP INDICATOR             |

\*Some airplanes

T.O. 1F-100D(I)-1

## FRONT COCKPIT F-100F-2 THROUGH-16 RIGHT SIDE



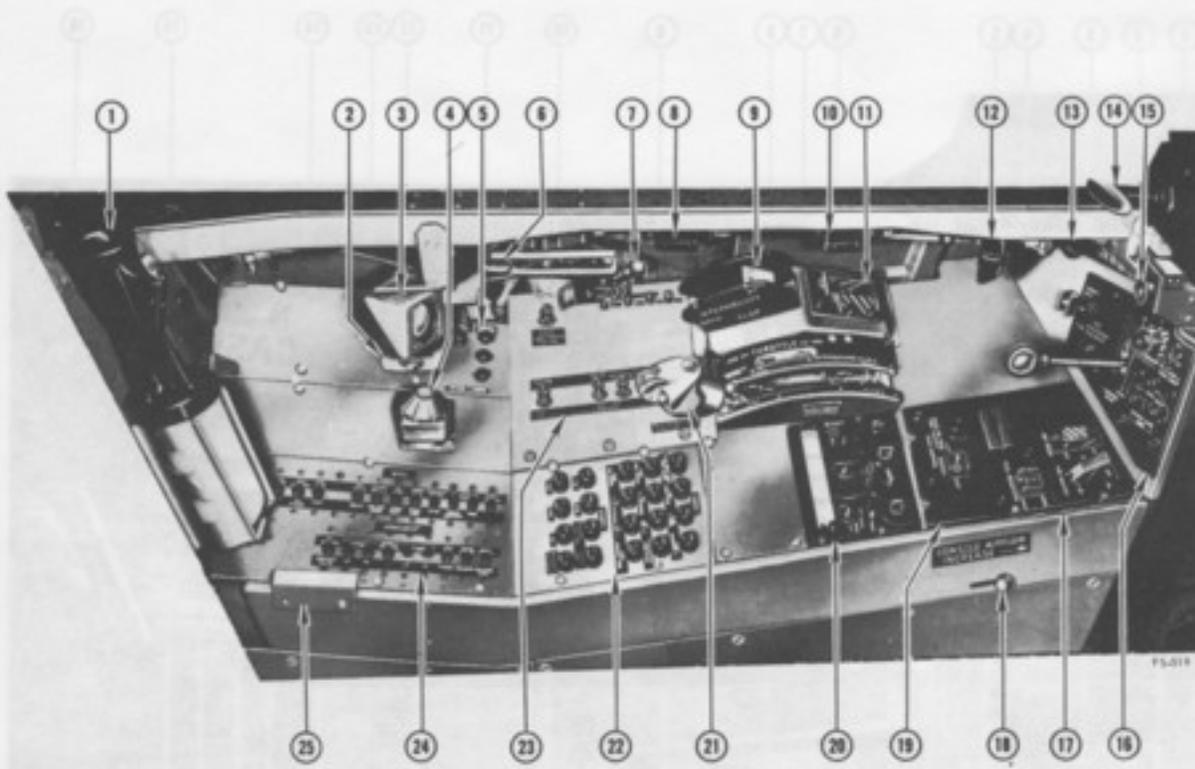
1. ELECTRICAL CONTROL PANEL
2. ELECTRICAL CONTROL PANEL FLOODLIGHT
3. STAND-BY INSTRUMENT INVERTER SWITCH
4. LIQUID OXYGEN QUANTITY GAGE
5. INSTRUMENT PANEL FLOODLIGHT
6. COCKPIT UTILITY LIGHT
7. CONSOLE FLOODLIGHT
8. LIGHTING CONTROL PANEL
9. J-4 COMPASS CONTROL PANEL
10. FLIGHT CONTROL EMERGENCY HYDRAULIC PUMP LEVER
11. AIR CONDITIONING CONTROL PANEL
12. CONSOLE FLOODLIGHT
13. THUNDERSTORM LIGHT
14. MAP CASE
15. CONSOLE FLOODLIGHT
16. CIRCUIT-BREAKER PANEL

17. CIRCUIT-BREAKER PANEL
18. FUEL BOOST PUMP TEST SWITCH\*
19. COCKPIT PRESSURE ALTITUDE INDICATOR
20. CONSOLE AIR DEFLECTOR
21. EXTERIOR FLOODLIGHT PANEL\*
22. IFF/SIF CONTROL PANEL
23. ILS CONTROL PANEL
24. RADIO CONTROL TRANSFER PANEL
25. TACAN CONTROL PANEL
26. CONSOLE AIRFLOW KNOB\*
27. CANOPY ALTERNATE EMERGENCY JETTISON HANDLE
28. RADIO COMPASS CONTROL PANEL
29. COMMUNICATION AMPLIFIER CONTROL PANEL
30. CONSOLE AIR DEFLECTOR
31. OXYGEN REGULATOR CONTROL PANEL
32. INDICATOR AND CAUTION LIGHT PANEL

\*Some airplanes

T.O. 1F-100D(I)-1

## REAR COCKPIT—F-100F LEFT SIDE



1. RELIEF CONTAINER
2. SPARE LAMP CONTAINER
3. THUNDERSTORM LIGHT
4. ANTI-G SUIT PRESSURE-REGULATING VALVE
5. SPARE LAMP PANEL
6. SPEED BREAK EMERGENCY DUMP LEVER
7. EMERGENCY RAM-AIR LEVER
8. CONSOLE FLOODLIGHT
9. WING FLAP HANDLE
10. CONSOLE FLOODLIGHT
11. WING FLAP EMERGENCY SWITCH
12. INSTRUMENT PANEL FLOODLIGHT
13. LANDING GEAR CONTROL PANEL FLOODLIGHT

14. DRAG CHUTE HANDLE
15. ARRESTING HOOK RELEASE BUTTON
16. LANDING GEAR CONTROL PANEL
17. CONSOLE AIR OUTLETS
18. CONSOLE AIRFLOW KNOB\*
19. ENGINE AND FLIGHT CONTROL PANEL
20. COMMAND RADIO CONTROL PANEL
21. THROTTLE
22. FUSE PANEL
23. CIRCUIT-BREAKER PANEL\*
24. CIRCUIT-BREAKER PANEL
25. CONSOLE AIR DEFLECTOR

\* Some airplanes

T.O. 1F-100D(I)-1

# EJECTION SEAT (TYPICAL)

(Aircraft Not Modified by T.O. 1F-100-1056)  
 (Aircraft changed by T.O. 1F-100-1064 & T.O. 1F-100-1084)

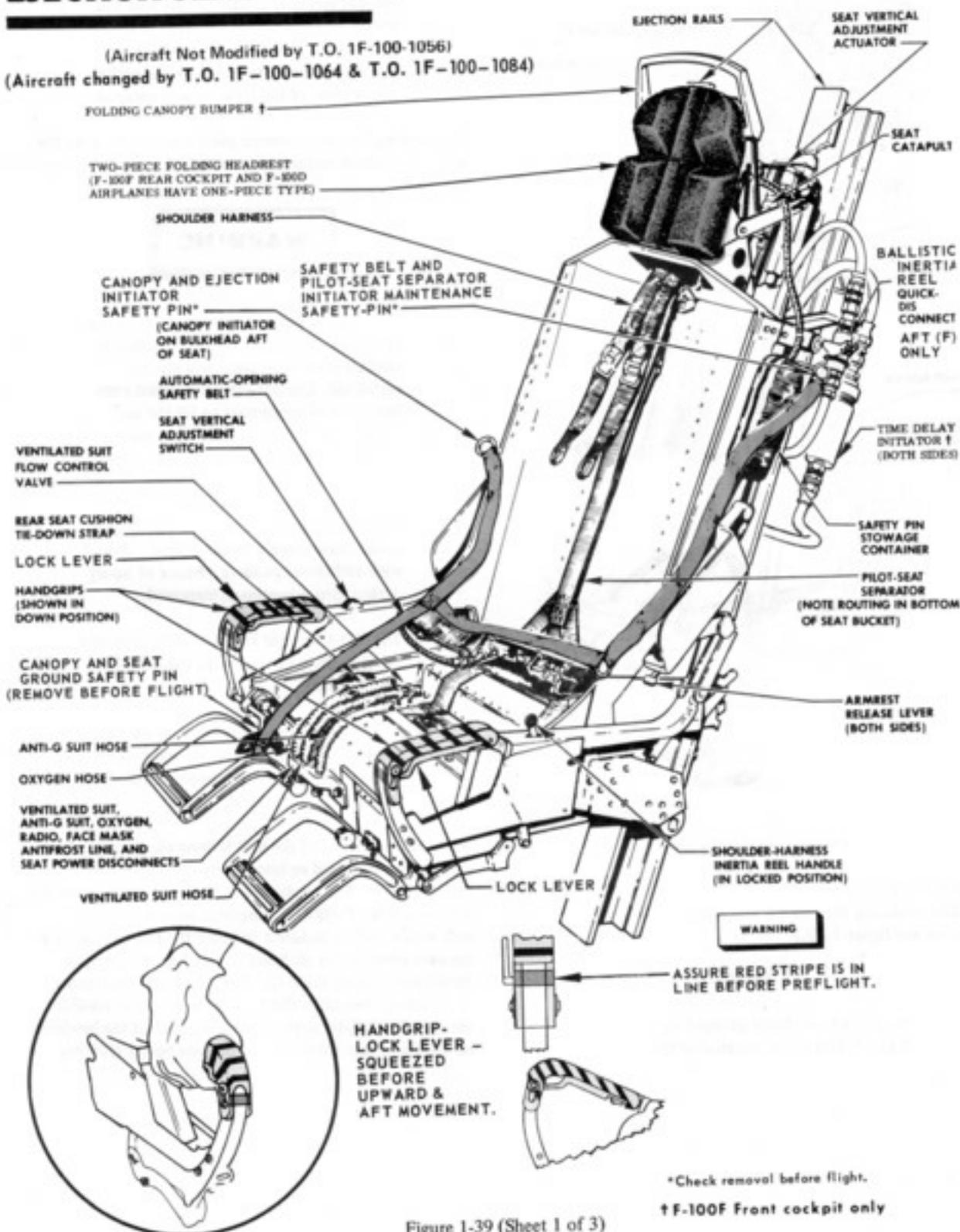


Figure 1-39 (Sheet 1 of 3)