Exhibit 3

PHOTOGRAPHS OF THE TDR 2070
RADAR

This exhibit includes the following photographs:

A typical technician/operator control station — This control station provides the technician or operator with all information necessary to configure the radar output to account for the desired type of weather data (velocity, precipitation rate, turbulence) and the range of measurement to be performed (0–512 km). This control station also allows the operator to perform start-up and shut-down of the radar transmitter.

Antenna assembly — This antenna assembly provides the parabolic reflector with the focal point being the feed horn which is located at the end of the wave guide assembly. An AUTO/MANUAL switch is provided on the Azimuth Control Unit on the pedestal, which, when placed in the MANUAL position, will inhibit emission or RF energy while personnel are in the vicinity of the antenna assembly.

Transmitter cabinet — The transmitter cabinet contains the transmitter, receiver, transmitter/antenna controller (TAC), and wave guide dehydrator. The dehydrator contains a display panel for monitoring the operating conditions of the dehydrator. All other functions of the transmitter cabinet are monitored by the TAC and sent to the control station. The rear door and base of the transmitter cabinet has the liquid cooling system provided for the cooling of the TWT and the modulator. Locks are provided on the handles of both doors to prevent accidental opening by unauthorized personnel. In addition, all chassis are held in position within the transmitter cabinet with latches that require the use of tools for removal.

The transmitter chassis in the extended (maintenance) position — The panels of the transmitter are removable for ease of access for the technician during repair.
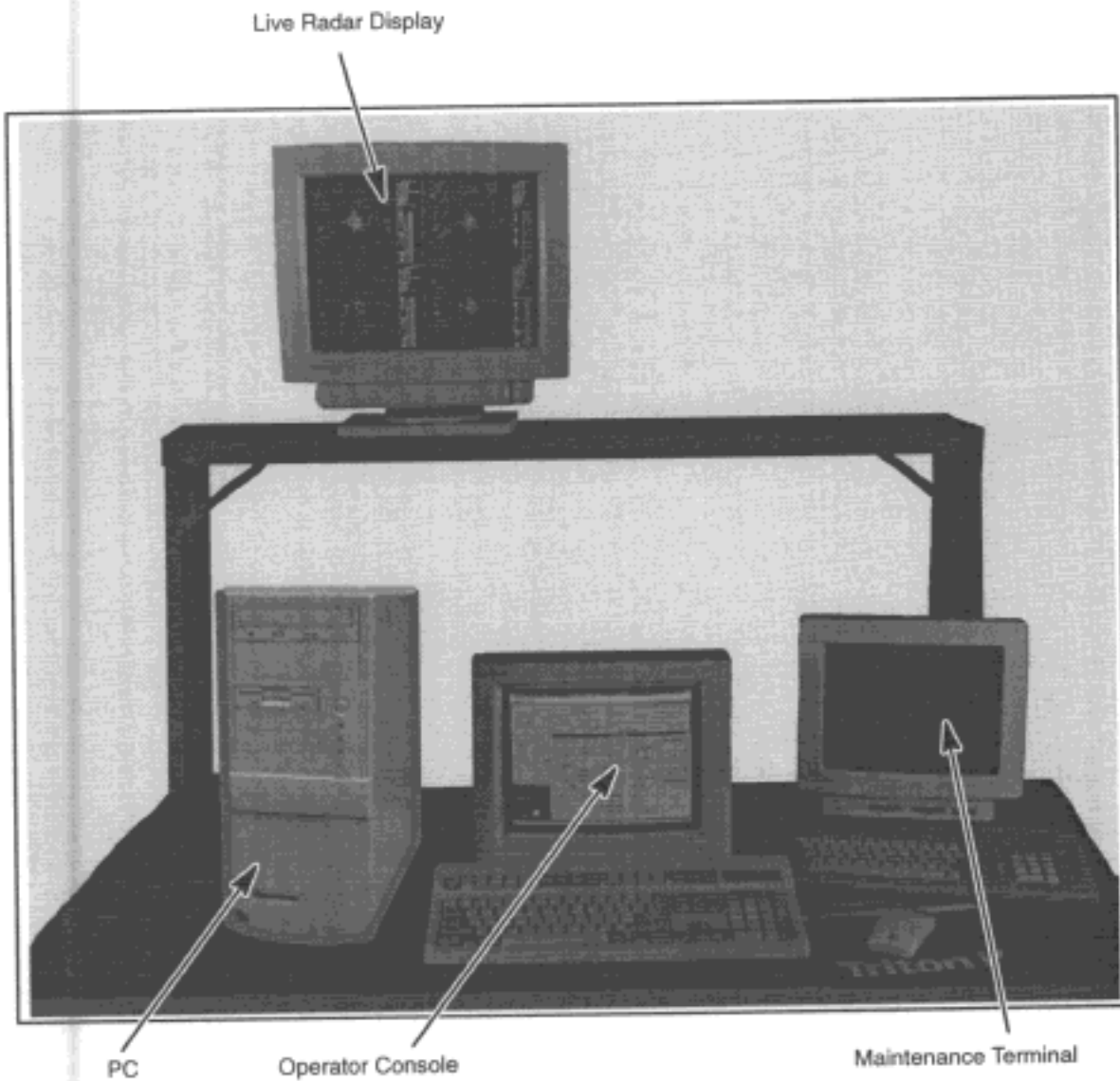
Figure 2. Typical Technician/Operator Control Station.
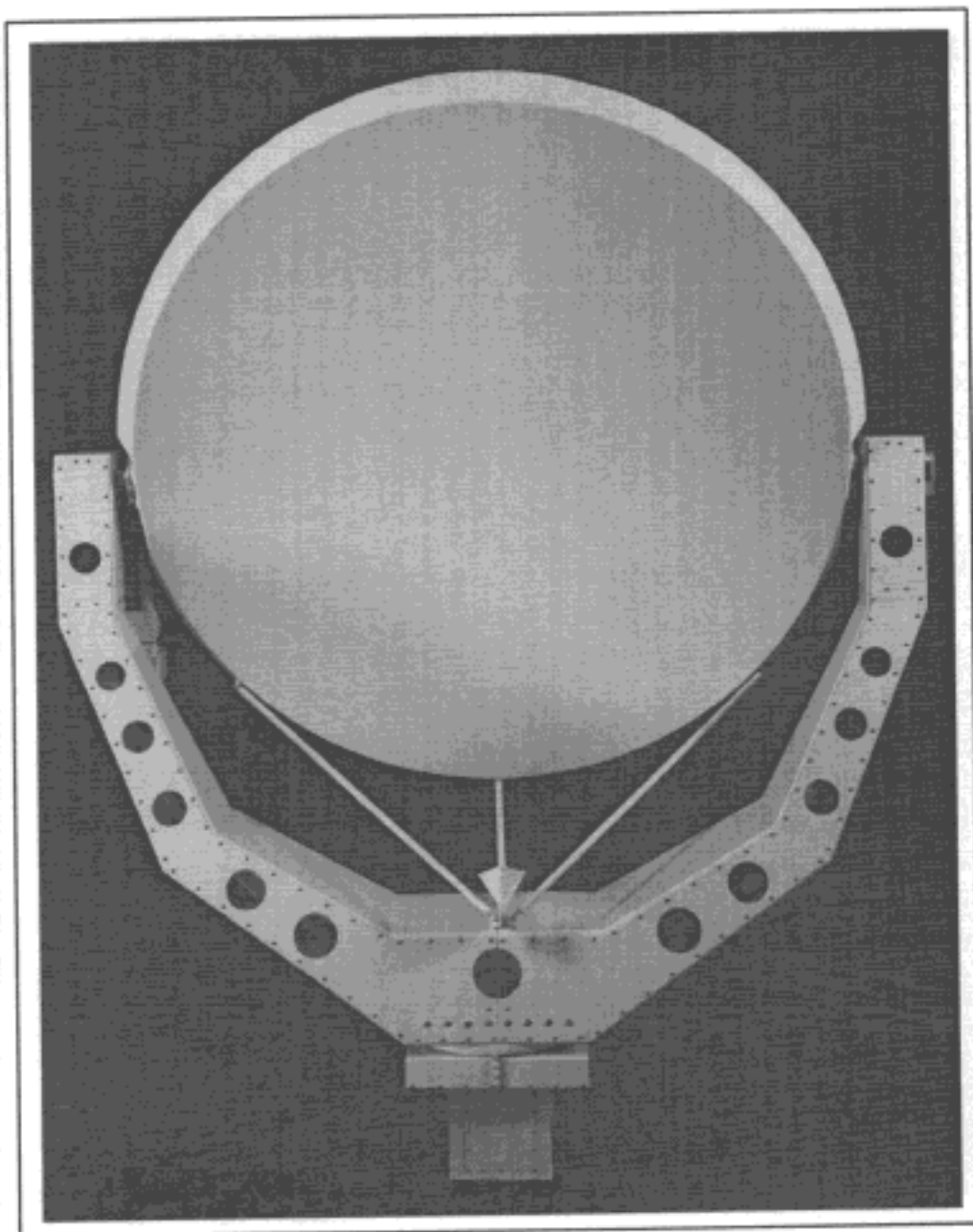
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Figure 3. Antenna/Pedestal Assembly.
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