



## UNITED STATES MARINE CORPS

HEADQUARTERS MARINE CORPS AIR STATION MIRAMAR  
PO BOX 482000  
SAN DIEGO CA 92145-2000

StaO 10345.1

SKD31

11 AUG 1998

### STATION ORDER 10345.1

From: Commanding Officer  
To: Distribution List

Subj: OPERATION OF JET FUEL PIPELINE

Ref: (a) NAVSUP Manual Vol II, Paragraph 23137

Encl: (1) Location of Isolation Valves

1. Purpose. To delineate operational responsibilities and areas of authority in connection with the eight-inch aviation fuels pipeline connecting the Fleet and Industrial Supply Center (FISC) San Diego Fuel Department (Point Loma Annex) and Marine Corps Air Station (MCAS) Miramar.
2. FISC Jurisdiction. The FISC control house pipeline dispatcher has operational control of the pipeline, check valve and isolation valve stations located on the pipeline between Point Loma and MCAS Miramar. Only FISC Fuel Department personnel shall patrol and maintain the pipeline.
3. MCAS Miramar Jurisdiction. The Fuel Division has operational control of Isolation Valve, Chamber No. 10, Station 830/00 (end of pipeline), all receiving tank valves, and tanks located on MCAS Miramar, including the Santa Fe Pipeline Company Quality Control Tank MI-1. FISC shall not operate any valves located on MCAS Miramar except Isolation Valve No. 177, Chamber No. 9, and the water drain valve on tank MI-1.
4. Preliminary Communication. Prior to pumping operations between the issuing activity at FISC and the receiving activity at MCAS Miramar, the following shall be done:
  - a. FISC Fuel Department Pipeline Dispatcher shall confirm the following with MCAS Miramar by hotline telephone:
    - (1) Quantity fuel to be pumped for the specific operation, initial tank number, gauge, and quantity in tank.

- (2) Pumping rate.
- (3) Temperature of product in tank.
- (4) Gravity (American Petroleum Institute) of product in tank.
- (5) Readiness to pump.

b. MCAS Miramar shall confirm the following with the pipeline dispatcher at the Fuel Department Control House, Point Loma:

- (1) Amount of product to be pumped, initial receiving tank number, tank gauge and quantity in tank.
- (2) Line and tank valves are open and ready to receive product.
- (3) Readiness to receive product.

5. Pumping Operations. During pumping operations, the FISC pipeline dispatcher and MCAS Miramar will be in contact by hotline telephone. Observe the following procedures:

a. Pumping

- (1) Immediately after pumping begins, MCAS Miramar shall check the receiving tank to ensure product is entering the tank properly and only that tank.
- (2) Every hour on the hour, the FISC pipeline dispatcher shall report to MCAS Miramar the pumping rates, and the number of gallons moved from the storage tanks.
- (3) MCAS Miramar shall gauge the receiving tanks every hour on the hour, and report the amount received to the FISC pipeline dispatcher.
- (4) In the event of a large discrepancy (over 1,000 gallons), the operation shall cease until both parties can check operations to ensure no product is being lost, e.g., discharged into open areas or into unauthorized storage.

b. Secured Pumping Operations

(1) MCAS Miramar shall notify the FISC pipeline dispatcher when the receiving tank is full, and to secure pumping.

(2) FISC pipeline dispatcher shall notify MCAS Miramar of the exact time that pumps were secured.

(3) MCAS Miramar shall notify the FISC dispatcher when pipeline and tank valves are secured.

c. Confirmation. Final gauging shall be taken at both receiving and issuing activities, figures compared, confirmed in a written memorandum by both issuing and receiving activities, and proper delivery tickets prepared. Quantities received shall be determined by reference (a).

d. Sampling. FISC shall take samples on MI-1 for Quality Assurance as required.

6. Receiving Operations (Receipts from Santa Fe Pipeline Co.)

a. Receiving

(1) The Miramar QAR and the commercial pipeline representative shall make the switch at Chamber 8.

(2) The Miramar QAR shall call the FISC San Diego control point and request that the Chamber 8 valve be closed. He shall verify to the control operator that the valve is in the closed position.

(3) The Miramar QAR shall notify the FISC Control Point when the receipt is completed and request the operator open chamber 8. The QAR will verify for FISC San Diego that the valve is open.

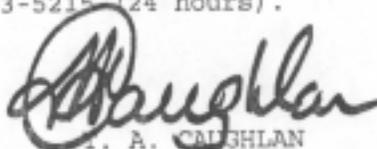
b. Clearing the line. FISC San Diego shall notify MCAS Miramar by telephone when pumping operations for tank MI-1 is ready. A minimum of 1500 Bbls shall be pumped into tank MI-1 so that the fuel in the line can be tested prior to moving it into Miramar tanks.

c. Sampling. Before pumping from tank MI-1 to MCAS Miramar, FISC personnel shall take samples from MI-1 for clearance by the FISC fuel laboratory.

7. Safety Precautions. Due to the danger of pumping against a closed valve or dead end, the FISC pipeline dispatcher shall ensure the system is properly lined up; under no circumstances shall any valve at the receiving station be shut down while the pumps are in operation except in case of fire. Telephone communication shall permit the receiving activity to notify the issuing activity of any problems, and to have the pumps stopped. The pipeline dispatcher shall immediately stop pumping operations upon receipt of such notification.

8. Environmental Pollution Control. Discontinue fuel operations if either MCAS Miramar or FISC receives any report of fuel discharge within one mile (see enclosure (1)) of the pipeline route. Before pumping can resume, positive proof that the source of the fuel discharge is not from the pipeline must be received. FISC shall notify applicable agencies, control and fund cleanup of any fuel discharged by pipeline failure.

9. Emergency Phone Numbers: MCAS Miramar, 537-1396 or 1393 (24 hours); FISC San Diego, 553-5215 (24 hours).

  
J. A. CAUGHLAN

Distribution: A

LOCATION OF ISOLATION VALVES

<u>VALVE CHAMBER</u>	<u>ISOLATION VALVE NUMBERS</u>	<u>STATION NUMBERS</u>	<u>STATION LOCATIONS</u>
1	170 *1 check valve	138 + 16	Naval Training Center, Gate #8, Rosecrans Avenue
2	171	271 + 75	Highway 101 cutoff to Camino del Rio Road, adjacent to fence surrounding trailer park
3	172	284 + 90	North Bank of San Diego River
4	172J	333 + 79	Intersection of Knoxville and Nashville Streets
5	173 & 174 *1 check valve	453 + 90	In Tecolote Canyon at foot of Tecolote Hill
6	Spool	476 + 94	East of intersection of Via Arcilla and Via Alcazar Streets
7	175	581 + 33	North side of Balboa Avenue, 0.4 miles east from intersection of Balboa and Genesee Streets
8	176	676 + 35	In San Clemente Canyon
9	177	766 + 11	Canyon inside MCAS Miramar. Location: Concurrent North 18341 East 9580, "Master Shore Station Development Plan"
10		830 00	End of pipeline, MCAS Miramar. Location: North 22390 East 14168, "Master Shore Station Development Plan"

\* Check valves are not numbered