

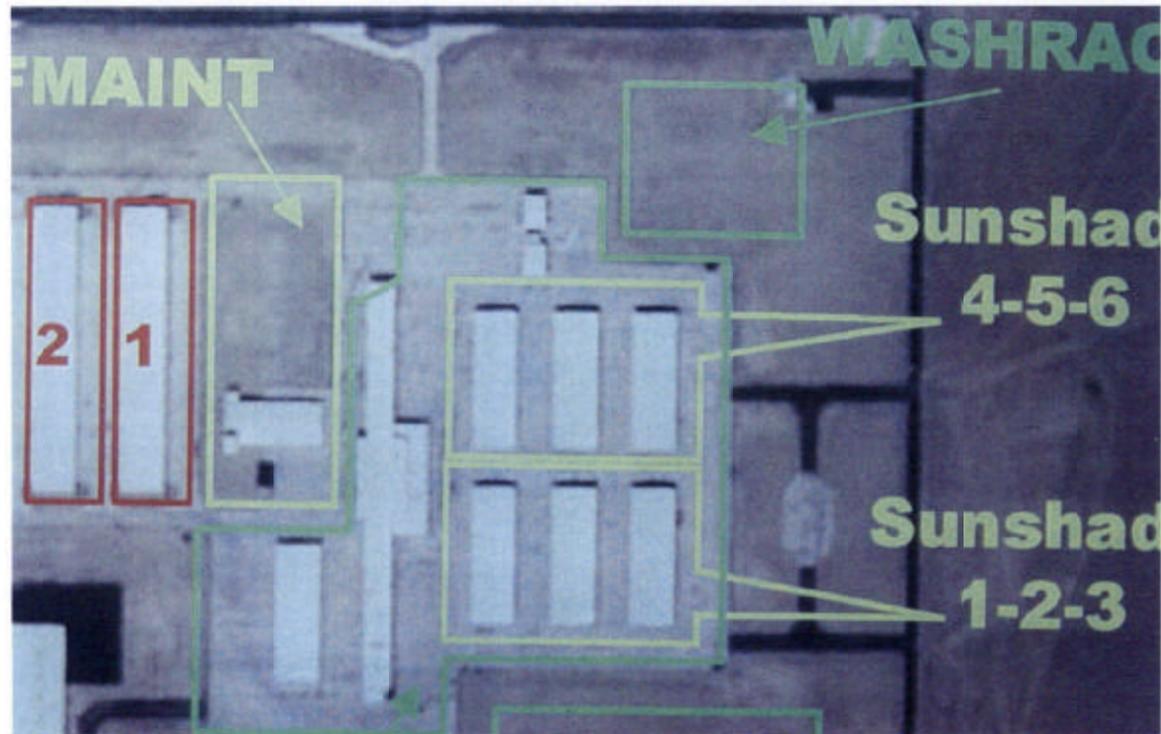
# CAMP ARIFJAN

Virtual Tour

February 2004

Photos by Brandon Wehe

Major structures include  
Maintenance building 450,  
6 sunshades, 3 clamshells,  
2 warehouses and 2 wash facilities



There are two sets of maintenance bays in 450. Track on Right and Wheels on the Left



In front of Maintenance Building  
450 is Track and HET  
Maintenance Sunshade 7 on Right



Sunshade 7, referred to as building 460, in front of Track Bays.  
Overhead clearance 18 feet  
Floor space 30,554 square feet

Each Set of Maintenance bays  
have a Central Lube System  
Storage and waste tanks on end



And distribution and drain point  
between each pair of bays

Behind the Maintenance building there are 6 additional sunshades



We currently have use of 5 of these 6 sunshades.  
All of these sunshades are of the same design.  
Overhead clearance 21 feet  
Floor space of 30,200 square feet

# Back side of Maintenance Building



In the second bay you can see the white paint booth.  
The blast booth is in the first booth out of sight to the left.

The Blast and Paint Booths are in separate bays but side by side



Blast Booth



Paint Booth

Both booths are 24 feet wide by 60 feet long

# Maintenance Bays



Both the Track & Wheeled Vehicle maintenance bays Have a DEMAC 32 Ton Overhead Crane, Crane rail is 21feet 5 inches up From the floor.

The Track shop is 306 feet long  
The Wheeled shop is 270 feet long  
Both are 61feet wide

There is a third 1-Ton crane in a separate bay originally designed to facilitate a machine shop



# Tool, Part & Tech Library Support in Maintenance Building 450



Track & Wheel Tool Room

Tech Library & Shop Stocks

# Track & Wheel Wash Racks



Both Wash racks are each supported with a settling tank and filter system, below, that provide 2000 Gal of recycled wash water per minute.



# Three Clamshells used for makeup of BII tools and equipment



Clamshells contain  
Carpentry Shop,  
BII inspection, kit assembly  
And completed box storage



# Warehouse 1 and 2



Both are 62,800 sq ft floor  
Overhead clearance 24 foot

TMD and CCI Cages

# **POWER BLAST SHOT BLAST FACILITY**

## **Manufacturer - Power Blast International Limited**

**DIMENSIONS 15500mm x 7000mm x 5300mm H**

One tier Platform on each side

2 EA Blast machine

Power Blast model 15A

Fail safe remote control

Oil and moisture separator

3000 x 32mm Bore hose

32 x 12mm Tungsten Carbide Venturi nozzle

### **VENTILATION SYSTEM**

Model FX1805

Valley Hopper Filter units

Fully Auto cleaning

Dimensions H - 6300mm

W - 2348mm

L - 2155mm

Air movement - 368 cum/min

Filter speed - 2.2 meters/min

Fan motor size - 22 KW/unit

Filter cleaning - Automatic on fan shutdown

Filter material - Polyester needelfelt

### **AUTOMATIC RECOVERY FLOOR**

Abrasive lifting and cleaning

Bucket Elevator

Rotary sieve separator

# **CONTROL LUBE SYSTEM**

**Consist of 8 - 1900 liter storage Tank and 2 - 950 liter storage tanks**

2 Viking pumps – model: HL 4124A

Driven by 1hp 1amp motor

2 Viking pumps – model: SG – 40782 – GOV

Driven by 2hp 3.8amp motor EA

6 Viking pumps – model: SG – 40519 – GOV

Driven by 3hp 4amp motor EA

## **2 CONTROL PANELS**

EA Panel controls 4 - 1900 liter tank pumps and 1 - 950 liter tank pump

Controls pumps individually

Auto mode or manual mode

Auto mode works with flow regulator, can be set up for 8 bar

## **25 STATIONS**

10 on wheel side

10 on track side

5 under Sunshade 460

8 Reels per station in Bays

4 Oil

1 Synthetic oil

1 Anti freeze

1 Air

1 Grease

4 Reels per station/Sunshade

2 Oil

1 Air

1 Water

# **WASTE DISPOSAL SYSTEM**

**Consist of: 2 - 1900 liter tanks, 2 - 950 liter tanks and  
1 - 1000 liter Anti Freeze tank**

## **25 STATIONS**

10 on wheel side

10 on track side

5 under Sunshade 460

3 Reels per station in Bays

1 Oil

1 Synthetic oil

1 Anti freeze

1 Reels per station/Sunshade

1 Oil

## **Husky 1040 diaphragm pumps**

For Oil – max pressure 120 PSI (Air operated)

## **Husky 716 diaphragm pumps**

For Anti Freeze – max pressure 100 PSI (Air operated)

# **PAINT BOOTH**

**Manufacturer - Saico S. P. A Arezzo Italy**

**DIMENSIONS 15340mm x 7000mm x 5500mm**

## **Paint Stop Floor Filters**

Fiber Glass

Thickness 60mm

Flame resistance

Efficiency 92%

Replace every 100 hrs

## **Ceiling Filters**

Synthetic

Replace every 900 – 1000 hrs

Flame resistance

Efficiency 97%

**2 man lift platforms**