Appendix O
AASF #2

Baseline Inventory

A baseline inventory is necessary for two reasons. The quantities of waste generation or toxic material use are assessed to target specific waste streams, materials being used, or activities for pollution prevention. annual reports on waste generation and toxic material use will be compared with the baseline inventories to evaluate the effectiveness of pollution prevention projects and to monitor progress in achieving the Army Aviation Support Facility's pollution prevention goals. A baseline inventory for AASF #2 is not available.

BASELINE INVENTORY FOR AASF #2 1994				
Waste Type	**RCRA Waste Code(s)**	**Waste (lbs)**	**% of Total Waste**	**Process or Operation Generating Waste**

AASF #2 POLLUTION PREVENTION GOALS				
Waste Type	**Subtype**	**Reduction Goal (%)**	**Baseline Year**	**Target Year**
Hazardous Waste				
Solid Waste				
Ozone Depleting Chemical Use				
TRI Reportable Releases				

Pollution Prevention Opportunity Assessment

The PPOA enables the Army Aviation Support Facility to examine the alternatives available for pollution prevention. The modules identify the waste stream and the operations from which the stream may be generated, describe the process, and present several pollution prevention alternatives. Each alternative is described along with its advantages and disadvantages.

Assessment modules that apply to the AASF are:

Electronic Equipment Battery Changeout
Halon Use in Fire Extinguishers
Manual Surface Preparation Using Rags
Refrigerants (CFCs) from Refrigeration, Cooling-Equipment Maintenance
Solid Waste
Aircraft Washing
Waste Solvents from Parts Cleaning

➢ Past Pollution Prevention Projects

The status of past pollution prevention projects are discussed. Each project is described to include location implemented, implementation date, targeted waste type (e.g., hazardous waste, EPA Toxic 17 Wastes, ozone-depleting chemical), actual waste, actual implementation costs, actual savings, and funding sources.

Project Title: ZEP Parts Washer
Description: Replace Safety Kleen parts washer with the ZEP washer that uses an aqueous based solution. OR23000001.
Location: AASF #1
Implementation Date: 1993
Targeted Waste Type(s): Hazardous Wastes, EPA Toxic 17
Waste Reduction:
Implementation Costs:
Savings: Elimination of the waste stream has saved the installation _____ per year in reduced waste disposal cost.
Funding Source: Year end funds.

Project Title: Aerosol Can Depressurizer
Description: A Lab Safety Aerosol Can Depressurizer that relieves the pressure in aerosol cans and allows the residual contents to be collected for disposal. With the contents thoroughly depleted the can may be recycled as scrap metal. EPR number OR 00099004.
Location: AASF #2
Implementation Date: 2000
Targeted Waste Type(s): Solid Waste (metal), Reactive Hazardous Waste generic
Waste Reduction: Metal, Reactive HW
Implementation Costs: $577.00
Savings: $1,350.00
Funding Source: 2000 year end funds

Project Title: Weapons Cleaning/Parts Washer System IT48WC
Description: The Inland Technology IT-48WC Weapons Cleaning System NSN 6850-01-397-2539 is a high volume usage system that recycles the Breakthrough solvent continuously through a high efficiency filtration system. EPR number OR00099002.

Location: AASF #2
Implementation Date: 2000
Targeted Waste Type(s): Other Hazardous Materials
Waste Reduction: 1,1,1-Trichloroethane
Implementation Costs: $3,684.15
Savings: $2,031.00
Funding Source: 2000 year end funds.

Project Title: Secondary Containment Structures
Description: As required by the SPCCP for this facility and 40 CFR 112.3 and OAR 340-047-0160. A secondary containment structure is needed to be built to house the fuel hauling vehicles that are located at this facility. EPR OR15200001.
Location: AASF#2
Implementation Date: 2002
Targeted Waste Type(s): Petroleum's, Oils and Lubricants
Waste Reduction: Soil contamination.
Implementation Costs: $72,218
Savings:
Funding Source: NGB

➢ Current Pollution Prevention Projects

The status of currently funded pollution prevention projects are discussed next. Each project will be described to include location to be implemented, anticipated implementation date, targeted waste type (e.g., hazardous waste, EPA Toxic 17 Wastes, ozone-depleting chemicals), expected waste reduction, estimated implementation costs, estimated savings, and funding sources.

Project Title: Propane Cylinder Recycling System
Description: The New Pig ProSolve system safely removes the valve stem so canister can be recycled as scrap steel. Activated carbon filters help remove Volatile Organic Compounds from propellant. EPR number OR00000001.
Location: AASF #2
Implementation Date:
Targeted Waste Type(s): Reactive hazardous waste - generic compressed gas, Volatile Organic Compounds.
Waste Reduction: Metal, Reactive HW
Implementation Costs: $697.44 ea
Savings: $5,112.00
Funding Source: AGI-EPR

➢ Future Pollution Prevention Projects

The status of proposed pollution prevention projects is discussed next. Each project will be described to include location to be implemented, anticipated implementation date, targeted waste type (e.g., hazardous waste, EPA Toxic 17 Wastes, ozone-depleting chemicals), expected waste reduction, estimated implementation costs, estimated saving, and funding sources.

ECONOMIC ANALYSIS SUMMARY
FOR
FUTURE POLLUTION PREVENTION PROJECTS

Polluting Process	P2 Opportunity	Investment Cost ($)	Net Annual Savings ($)	Payback Period (Years)	Net Present Value of Operation ($)
Safety Kleen	Solvent Waste Station Purchase and Modification	198,500	(5,841)	No Payback	(243,603)
Safety Kleen	Aqueous Cleaner with Jetwasher	701,050	44,639	15.7	(356,345)

POLLUTION PREVENTION IMPLEMENTATION PLAN FOR FUTURE PROJECTS							
Project Title	**Location**	**Waste Type**	**Reduction Expected (lbs/year)**	**Estimated Cost($)**	**Estimated Savings ($/yr)**	**Expected Implement Date**	**EPR Status**
Cardboard Baler	Recycling Center	Solid Waste	400,000	99,000	30,000	CY95	Entered

ARMY AVIATION SUPPORT FACILITY'S POLLUTION PREVENTION ACHIEVEMENT REPORT FOR 1997					
Waste Type	**Subtype**	**Reduction Goal (%)**	**Baseline 1994 (lbs./year)**	**Current (lbs./year)**	**Achieved to Date (%)**
Hazardous Waste	Petroleum Naphtha				
Solid Waste	Cardboard				
Ozone Depleting Chemical Use	Class I ODS				

ARMY AVIATION SUPPORT FACILITY'S POLLUTION PREVENTION ACHIEVEMENT REPORT FOR 1998					
Waste Type	**Subtype**	**Reduction Goal (%)**	**Baseline 1994 (lbs./year)**	**Current (lbs./year)**	**Achieved to Date (%)**
Hazardous Waste	Petroleum Naphtha				
Solid Waste	Cardboard				
Ozone Depleting Chemical Use	Class I ODS				

ARMY AVIATION SUPPORT FACILITY'S POLLUTION PREVENTION ACHIEVEMENT REPORT FOR 1999					
Waste Type	**Subtype**	**Reduction Goal (%)**	**Baseline 1994 (lbs./year)**	**Current (lbs./year)**	**Achieved to Date (%)**
Hazardous Waste	Petroleum Naphtha				
Solid Waste	Cardboard				
Ozone Depleting Chemical Use	Class I ODS				

ARMY AVIATION SUPPORT FACILITY'S POLLUTION PREVENTION ACHIEVEMENT REPORT FOR 2000					
Waste Type	**Subtype**	**Reduction Goal (%)**	**Baseline 1994 (lbs./year)**	**Current (lbs./year)**	**Achieved to Date (%)**
Hazardous Waste	Petroleum Naphtha				
Solid Waste	Cardboard				
Ozone Depleting Chemical Use	Class I ODS				

ARMY AVIATION SUPPORT FACILITY'S POLLUTION PREVENTION ACHIEVEMENT REPORT FOR 2001					
Waste Type	**Subtype**	**Reduction Goal (%)**	**Baseline 1994 (lbs./year)**	**Current (lbs./year)**	**Achieved to Date (%)**
Hazardous Waste	Petroleum Naphtha				
Solid Waste	Cardboard				
Ozone Depleting Chemical Use	Class I ODS				