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Cynthia Gleisberg
Print or Type Name
334-325-2974
Telephones Number
FY86 Safety Progress Report

SafeArmy 1990 Annual Accident Reduction Goals

• 3% Reduction—Ground Accidents
• 5% Reduction—Aviation Accidents
• 3% Reduction—Civilian Injury Claims

Improvement Over FY85

• Conservation of lives and equipment
• Dollar savings
• Increased productivity


. Highlight FY 86 improvements over FY 85 in terms of resource conservation.
FY86 Safety Progress Report

- Ground Accidents
- Aviation Accidents
- Civilian Injury Claims
- Summary
Armywide Ground Accidents

FY82-86 % Change
Workforce: +7.4%
Accidents: -8.4%
SafeArmy 1990
3% Reduction Goal

2649 Fewer Accidents Than FY85

SA 90 goal required 10.6% reduction in ground accidents.
Achieved a 10.1% reduction.
Missed goal by only 147 accidents.
Four Major Sources of Ground Accidents

- Personnel Injuries
- Army Motor Vehicles
- Privately Owned Vehicles
- Combat Vehicles

Four types of accidents account for about 95% of the total number of Army ground accidents each year.

Improvement Over FY85

- 15% reduction in personnel injuries
- 6% reduction in Army motor vehicle accidents
- 10% reduction in private motor vehicle accidents
- 5% reduction in combat vehicle accidents

Reductions in all four categories in FY 86.

Brief gains in each of these categories separately.
. Needed 21% reduction in personnel injury accidents to meet SA 90 goal.

. Reduced accidents by 15%, reversing 4-year upward trend in this, our largest single category of accidents.

NOTE: Largest gains were made in reducing injuries in maintenance, service, and repair and materials handling activities, the two activities accounting for the largest number of personnel injuries.

. 15% reduction in accidents
. 15% fewer fatalities
. 32% reduction in disabling injuries
. 14% reduction in lost work days
. $6.6 million reduction in injury cost

Improvement Over FY85
Goal called for reduction of about 1% in Army motor vehicle accidents.

AMV accidents were reduced by 6%.

6% reduction in accidents
2.32 accident rate for FY 86 compared to 2.71 for FY 85
$592,000 reduction in property damage cost

6% reduction in accidents produced corresponding reduction in accident rate and property damage cost.

Lowest AMV accident rate in __ years.
Armywide
Privately Owned Vehicle Accidents

Number of Accidents

<table>
<thead>
<tr>
<th>Fiscal Years</th>
<th>Data as of 5 Jan 87</th>
</tr>
</thead>
<tbody>
<tr>
<td>82</td>
<td>2126</td>
</tr>
<tr>
<td>83</td>
<td>2055</td>
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<tr>
<td>84</td>
<td>1848</td>
</tr>
<tr>
<td>85</td>
<td>1935</td>
</tr>
<tr>
<td>86</td>
<td>1680</td>
</tr>
</tbody>
</table>

Rate/100,000 Mil Pop
FY85: 144
FY86: 127

10% Reduction Goal

- 10% reduction in accidents
- 10 fewer fatalities
- 20% reduction in alcohol-related accidents
- Increased seatbelt usage

- Goal called for 6% reduction in private motor vehicle accidents.
- Achieved 10% reduction.
- Number of private motor vehicle accidents in 86 was lowest number since FY 80.

- Accident records which report seatbelt usage indicate usage is up.
- AR 385-55 requiring use of seatbelts is at the printer.
- Summer is normally peak period for accidents. Achieved 28% reduction in accidents during the 101 days of summer in FY 86 over 85.
Armywide Combat Vehicle Accidents

- Goal called for 19% reduction in combat vehicle accidents.

- While goal was not met, combat vehicle accidents were reduced by 5%, reversing upward trend which began in fiscal 83.

- At mid year, it appeared upward trend which began in 83 would continue.

Improvement Over FY85

- 5% reduction in accidents
- 4 fewer fatalities
- $4.5 million reduction in accident costs

- Of the $4.5 million decrease in cost, $4 million was the result of safety gains in M1 tank operations in 86 over 85.
Selected MACOM Safety Performance Measured Against 3% Ground Accident Reduction Goal

Five MACOMs account for about 85% of total Army accidents each year. The safety performance of each of these MACOMs is critical to meeting total Army goals.
FORSCOM
Ground Accidents

<table>
<thead>
<tr>
<th>Year</th>
<th>Accidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>82</td>
<td>7269</td>
</tr>
<tr>
<td>83</td>
<td>7329</td>
</tr>
<tr>
<td>84</td>
<td>6913</td>
</tr>
<tr>
<td>85</td>
<td>6615</td>
</tr>
<tr>
<td>86</td>
<td>5743</td>
</tr>
</tbody>
</table>

Fiscal Years: Data as of 5 Jan 87

FY82-86 % Change:
- Workforce: +10.3%
- Accidents: -6.3%

SafeArmy 1990
3% Reduction Goal

Improvement Over FY85

- 7% reduction in accidents
  - 10% reduction in personnel injuries
  - 13% reduction in Army motor vehicle accidents
  - 7% reduction in private motor vehicle accidents
  - 2% reduction in combat vehicle accidents

- FORSCOM narrowly missed their 86 reduction goal.
- Needed 10% reduction; got a 7% reduction.
- FORSCOM had reductions in each of the 4 major categories.
- Excluding the 248 fatalities in the Gander accident, FORSCOM had 29 fewer fatalities and a 2% reduction in disabling injuries in 86 over 85.
- 6% reduction in lost workdays.
USAREUR Ground Accidents

Fiscal Years: 82-90
Data as of 5 Jan 87

**FY82-86 % Change**
- Workforce: +0.1%
- Accidents: -11.6%

**SafeArmy 1990**
- 3% Reduction Goal

**4781 Actual**
- 1983
- 4805
- 1985
- 4351
- 1986
- 4226
- 1987
- 3777

**USAREUR did better than their 9% reduction goal.**

**Reduced accidents by 12%.**

**Improvement Over FY85**

- 12% reduction in accidents
- 14% reduction in personnel injuries
- 3% reduction in Army motor vehicle accidents
- 6% reduction in private motor vehicle accidents
- 30% reduction in combat vehicle accidents

**Improvement in all major accident categories. Particularly noteworthy is USAREUR's success in reducing combat vehicle accidents.**

- 37% reduction in disabling injuries in 86 over 85 (increase of 8 fatalities).
- 16% reduction in lost workdays.
. Guard did not meet 86 reduction goal, which called for a 2% reduction in ground accidents.

. Guard had 4% increase in 86 over 85.

. Guard had increases in 3 major categories of accidents.

. Only MACOM whose overall accident record was worse in 86 than 85.

NOTE: Increase of 9 (39%) in fatalities. Increase of 7 (58%) in disabling injuries.
TRADOC Ground Accidents

FY82-86 % Change
Workforce: +3.2%
Accidents: -12.0%

SafeArmy 1990
3% Reduction Goal

TRADOC did better than their ground accident reduction goal.

Needed 8% reduction; achieved 9% reduction.

Improvement Over FY85

- 9% reduction in accidents
- 22% reduction in personnel injuries
- 26% reduction in Army motor vehicle accidents
- 12% reduction in private motor vehicle accidents

TRADOC made sizeable reductions in 3 key areas.

- 17 fewer fatalities.
- 38% reduction in disabling injuries.
- 24% reduction in lost workdays.
AMC
Ground Accidents

Improvement Over FY85

- 17% reduction in accidents
- 19% reduction in personnel injuries
- 23% reduction in Army motor vehicle accidents
- 45% reduction in private motor vehicle accidents
- 9% reduction in civilian injury claims

. AMC met goal.

. Significant achievement considering goal called for 16% reduction, largest percentage of all the MACOMs.

. AMC's reductions are impressive, particularly in private motor vehicle accidents and civilian injuries.

. 3 fewer fatalities.

. 25% reduction in lost workdays.
FY86 Safety Progress Report
- Ground Accidents
- Aviation Accidents
- Civilian Injury Claims
- Summary

Safest Year
In History of Army Aviation
Armywide Aviation Accidents

- Goal called for reduction of 7 Class A-C accidents.
- Ended year 5 accidents above goal.
- Due primarily to increase in Class C accidents in 86 over 85.
- With rising cost of equipment, it has become increasingly more difficult to reduce Class C accidents.
- Class C threshold is $10,000. A relatively minor Black Hawk blade strike results in Class C damage cost of $10,000 or more.
- While goal was missed by 5, rate improved because we flew 118,000 hours more in 86 than 85.

Armywide Class A Aviation Flight Accidents

- Real progress was made in reducing most severe accidents—the Class As.
- Looking only at Class A accidents, 11 accidents below the ceiling and 13 accidents below FY 85.
- Reduction in Class A accidents produced $11 million savings.
Selected MACOM Safety Performance Measured Against 5% Aviation Accident Reduction Goal

While five MACOMs account for about 85% of the total number of Class A-C aviation accidents each year, the success or failure of FORSCOM in meeting accident reduction goals is critical to the Army record in this area.

I will brief each MACOM separately.
. FORSCOM goal called for reduction of 3 accidents.

. Accidents reduced by 14, while flying 61,000 more hours.

. Reduced overall A-C accidents by almost one-third and Class A's by almost half.

. FY 86 Class A rate is lowest Class A rate in 7 years for FORSCOM.

. 23% reduction in Class A-C accidents

. 46% reduction in Class A accidents

. 2.64 Class A rate in FY 86 compared to 4.31 in FY 85

. $17.4 million reduction in accident cost.

Improvement Over FY85
USAREUR Aviation Accidents

Year End
Ceiling: 12
Actual: 14
Difference: +2

*Baseline FY 85
FY 85: 6.06
FY 86: 5.93

SafeArmy 1990
5% Reduction Goal

USAREUR was 2 accidents above accident reduction goal.
Guard finished year 12 accidents above goal.
. TRADOC was 8 accidents above their ceiling.
8th Army Aviation Accidents

Year End
Ceiling: 8
Actual: 5
Difference: -3
- 2 Class A
- 0 Class B
- 3 Class C

Number of Accidents

Rate/100,000 Hours
FY 85: 10.88
FY 86: 8.99

SafeArmy 1990
5% Reduction Goal

Fiscal Years
Data as of 5 Jan 87

8th Army was 3 accidents below ceiling.

Improvement Over FY85

- Reduction of 3 Class A-C accidents
- 3.60 Class A rate in FY 86 compared to 3.63 in FY 85
- $3 million reduction in accident cost
FY86 Safety Progress Report

- Ground Accidents
- Aviation Accidents
- Civilian Injury Claims
- Summary
Goal called for 11% reduction in civilian injury claims.

Achieved 5% reduction.

First progress in 10 years.

If we achieve 7% reduction in 87, will be in good position to meet 88 goal; will require only 4-5% reduction to be on target.
FY86 Safety Progress Report

- Ground Accidents
- Aviation Accidents
- Civilian Injury Claims

† Summary

.. In summary, I will recap Armywide safety gains for fiscal 86.
Safety Progress Summary

<table>
<thead>
<tr>
<th>Armywide</th>
<th>FY 85</th>
<th>FY 86</th>
<th>% Change</th>
</tr>
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<tbody>
<tr>
<td>Total Accidents</td>
<td>26,409</td>
<td>23,758</td>
<td>-10.7</td>
</tr>
<tr>
<td>Class A Accidents</td>
<td>484</td>
<td>458</td>
<td>-5.4</td>
</tr>
<tr>
<td>Fatalities</td>
<td>448</td>
<td>428*</td>
<td>-4.5</td>
</tr>
<tr>
<td>Disabling Injuries</td>
<td>246</td>
<td>205</td>
<td>-16.7</td>
</tr>
<tr>
<td>Number of Lost Workdays</td>
<td>254,249</td>
<td>226,002</td>
<td>-11.1</td>
</tr>
<tr>
<td>Property Damage Cost</td>
<td>126.1M</td>
<td>112.5M</td>
<td>-10.8</td>
</tr>
<tr>
<td>Injury Cost</td>
<td>159.4M</td>
<td>159.8M</td>
<td>+0.2</td>
</tr>
<tr>
<td>Total Accident Cost</td>
<td>285.5M</td>
<td>272.3M</td>
<td>-8.2</td>
</tr>
</tbody>
</table>

*Excludes 248 fatalities in Gander accident

During FY 86, the first year of SA 90, measurable gains were made in every key area of accident prevention, with the exception of a slight increase in injury costs.

This slight rise in injury costs was the result of a special effort by the Department of Labor to pay off old cases. They cleared twice as many cases in FY 86 as usual.

FY 86 safety gains are a positive indication that MACOMs have intensified their efforts in meeting SA 90 goals.

The key ingredient in our safety success has been increased command involvement as a direct result of your leadership and that of General Thurman in implementing this plan as the primary strategy of a revitalized Army Safety Program.