



SYMPOSIUM ON REGIONAL AVIATION SAFETY AGENCIES

Air Safety Situation in Africa: current problems and need for innovative solutions

Presented by
Dr Elijah Chingosho
Technical and Training Director,
African Airlines Association (AFRAA)
Livingstone, Zambia, July 2009

INTRODUCTION

- **Safety levels in Africa improving**
- **Accident rates still above world average rates**

OUTLINE OF PRESENTATION

- **The fatal accident statistics in the ten years period 1999-2008**
- **Examine in more detail accident statistics in 2007 to 2008**
- **Some of the causes of high accidents rates in Africa**
- **Explain why accident rates are reducing in Africa**
- **Discuss some conventional and innovative solutions as a way forward**

FATAL AIRCRAFT ACCIDENTS IN AFRICA: 1999- 2008

	Country	No. of Fatal Accidents	% of Total
1	DRC	28	31.5
2	Sudan	13	14.6
3	Angola	9	10.1
4	Kenya	8	9.0
5	Nigeria	7	7.9
6	Egypt	3	3.4
7	Rest of Continent	21	23.6
	Total	89	100

FATAL ACCIDENTS IN AFRICA 2007

	Date	Aircraft Type	Airline	Location	No. of Fatalities	A/C Age (Yrs)
1	05 May	Boeing 737-800	Kenya Airways	Near Douala (Cameroon)	114	0.5
2	4 Oct	Antonov 26	Malift Air	Kinshasa (DRC)	21 (air) 28 (gd)	U/K
3	26 Aug	Antonov 32	Great Lakes Business Co.	Near Kongolo Airport (DRC)	14	U/K
4	23 Mar	Ilyushin 76	Transaviaexport	Mogadishu (Somalia)	11	16
5	7 Sept	Antonov 12	Transvia Service	Goma Airport (DRC)	8	U/K
6	28 Jun	Boeing 737-200	TAAG Angola	M'Banza Congo Airport (Angola)	5	22
7	17 May	Let 410	Safe Air Company	DRC	3	23
8	8 Nov	Antonov 12	Juba Air Cargo	Khartoum (Sudan)	2 (gd)	U/K
9	21 Jun	Let 410	Karibu Airways	Kamina (DRC)	1	23
10	23 July	Antonov 26	Djibouti Airlines	Near Shinile (Ethiopia)	1	U/K
11	24 Sept	Let 410	Free Airlines	Malemba Nkulu (DRC)	1	U/K
	Total				207	

ACCIDENT STATISTICS FOR 2008

	Date	Aircraft Type	Airline	Location	No. of Fatalities	Age (Yrs)
1	15 Apr	DC-9	Hewa Bora Airlines	Goma, DRC	40	31
2	10 June	Airbus A310	Sudan Airways	Khartoum Sudan	30	18
3	2 May	Beechcraft 1900C	Southern Sudan Air Connection	Rumbek, Sudan	21	U/K
4	01 Sept	Beech 1900C	Air Servs Intl	Bukavu, DRC	17	19
5	27 June	Antonov 12	Jubu Air Cargo	North of Malakal, Sudan	7	40
6	30 June	Ilyushin 76	Ababel Aviation	Near Khartoum, Sudan	4	U/K
7	13 Aug	Fokker F-27	Fly 540	K-50 Airport near Mogadishu	3	26
8	01 Sept	Beechcraft 1900C	Air Servs International	Bukavu, DRC	17	18
	Total				125	24 (Ave)



MAIN FEATURES OF ACCIDENTS IN AFRICA

- **Mostly in conflict ridden areas – DRC, Angola, Sudan**
- **Ageing aircraft from former USSR**
- **Aircraft on charter/cargo/commuter operations**
- **Ageing aircraft**

WHY RELATIVELY HIGH ACCIDENT RATES IN AFRICA

- **Poor safety oversight especially in conflict zones**
- **Lack of financing for fleet modernisation**
- **Lack of adequately skilled personnel**

WHY ACCIDENT RATES ARE REDUCING IN AFRICA

- **Adoption of IOSA.**
- **Global Aviation Safety Roadmap.**
- **Laudable Actions by various stakeholders.**





SOME CONVENTIONAL AND INNOVATIVE SOLUTIONS AS A WAY FORWARD

- **Autonomous civil aviation authorities.**
- **Regionalize civil aviation authorities.**
- **Consolidation.**
- **Adoption of IOSA.**
- **Implementation of ICAO audit recommendations.**
- **Membership of AFRAA/IATA.**
- **Retention of skilled manpower.**

CONCLUSIONS



- **RASAs to enhance safety oversight.**
- **Gives confidence to travelling public about safety of African skies**
- **Need to work together as an industry.**

**THAN YOU FOR
YOUR ATTENTION**

