

CURRICULUM VITAE

ALI ELHUSSIEN AHMED, Assistant Professor



Education:

MSc. Aeronautical engineering : USSR 1969

MSc. Helicopter aerodynamics : UK 1982

BSc. Aeronautical engineering : USSR 1969

- certificate in: Aviation safety awareness (2002) Queen noor civil aviation college Jordan.
- certificate in: A/C AN-2 and power plant system (Khartoum) (1996)
- certificate of BELL 201, 212, Bo105 green flag aviation company Khartoum (1996)
- certificate in PUMA 330 helicopter and engine turbo – meca (Romania puma helicopter factory 1985).
- Certificate in M1-8 helicopters and engine TB 2 – 117A in helicopter factory Sanpeterbrog 1975 USSR.
- Certificate in M1-8 helicopters (kreman – cuk) flying school (USSR) 1970.
- Certificate in A/C TU- 104, IL 18 Moscow airport maintenance work shop (1969) USSR.

Seminars:

- soft – ware in helicopters industry (factory of BELL helicopters Textron, USA1979.
- Seminar of ADCE maintenance of A/C C-1230 ohio USA.

Engineers license:

A/C maintenance engineering license type A/C from civil Aviation authority. Republic of sudan in helicopter: M1-8, Mi-17 puma 330 and engines TB3-117A, TB2117A turbmeca. ((2007)).

Other related experience (teaching, industrial. etc):

- Technical managers of green flag aviation company 1997-1998.
- Technical managers of sudan a PZL aviation company (1993-1997).
- Technical adviser of green flag aviation company (1997).
- Chief of planning and statical Department Sudan Air force (1985-1990).

- Technical wing commander Khartoum Air base (Sudan Air force) (1978-1985).
- Chief Engineer of helicopter department Sudan Air Force (1975-1978)
- Maintenance engineer in helicopter department Sudan Air Force (1970-1975).

Membership in professional and scientific societies:

- Member of Royal Aeronautical Society (UK).
- Member of American Helicopter Society (USA)

Honors, Awards and Grants:

1. Award by the Presidential Authority Investigations of A/C accident.
2. The awardness of a first class worthiness.
3. The awardness of the duty first class worthiness

Publications (last years):

- Helicopter world – (2006)
- Helicopter aerodynamics (2006)
- G.T.Engine Design (2007)
- G.T. Engine control (2007)

Institutional and professional service in the last years:

- Technical adviser of Presidential A/C department.
- Technical adviser of EADS-PZL aviation company.
- Technical adviser of Green Sudan aviation company.

Professional development activities in last five years:

- BSc Courses : Karari University of Technology. Engine design, engine theory (2003).
- BSc course: Kordofan University engine design, engine theory (2005).
- Supervision of BSc theses Khartoum University.
- Supervision of BSc theses Aeronautics Dep. University of Science & Technology Khartoum (2006)
- BSc courses : Aeronautics Dep. University of Science & Technology, Sudan.
- Design of A/C Engines (2007).
- Theory of A/C Engines (2006).
- Control of A/C Engines (2007).
- Helicopter technology Engines (2007).