

Curriculum Vitae

1. Name: Mueyyet Tozan
2. Rank: Lecturer, Aerospace Engineering Department
3. Degrees with fields, institution, and date:

B.Sc. in Aviation Science, Turkish Air Force Academy, August 1973

B.Sc. in Mechanical Engineering, Bosphorus University, June 1978

M.Sc. in Aeronautical Engineering, Bosphorus University, July 1980

4. Number of years of service at KFUPM: 4 years
Original appointment: February, 2003

5. Other related experiences-teaching, industrial, etc.:

- Chief of Maintenance Control Division, 9th Air base, TUAF
- Project Manager, Aircraft modernization, TUAF
- TecRep., F-16 co-production, NATO
- Head of Quality Control Department, 1st Depot Level Maintenance and Logistic Center, TUAF
- Instructor & Planning Officer, Air Force Academy, TUAF
- Deputy head of Department of Aeronautical Sciences, Air Force Academy, TUAF

6. Consulting, patents, etc.: None

7. State(s) in which registered: None

8. Principal publications in the last five years:

Al-Garni, A. Z., **Tozan, M.**, Al-Garni, A. M. and Jamal, A., "Failure Forecasting of Aircraft Air-Conditioning/Cooling Pack with Field Data", AIAA Journal of Aircraft, Vol.44, No.3, pp. 966-1002, 2007.

Tozan, M., Al-Garni, A. Z., Al-Garni, A. M. and Jamal, A., "Failure Distribution Modeling for Planned Replacement of Aircraft Auxiliary Power Unit Oil Pumps", Maintenance Journal, Vol.19, pp.60-69, 2006.

Al-Garni, A. Z., Jamal, A., Ahmad, A. M., Al-Garni, A. M., and **Tozan, M.**, "Modeling Failure Rate Prediction for De Havilland Dash-8 Tires Employing Neural Network Technique", AIAA Journal of Aircraft, Vol.43, No.2, pp.557-543, 2006.

Al-Garni, A. Z., Jamal, A., Ahmad, A. M., Al-Garni, A. M., and **Tozan, M.**, "Neural Network-based Failure Rate Prediction for De Havilland Dash-8 Tires", Engineering Applications of Artificial Intelligence, Vol.19, (2006), pp.681-691, 2006.

Tozan,M., Al-Garni,A.Z., Al-Garni,A.M. and Jamal,A., "Failure Data Analysis for Aircraft Maintenance Planning", 3.Aircraft Engineering Symposium, Jeddah, December 2004.

Al-Garni,A.Z., **Tozan,M.**, Saeed,F and Kassem,A., "Reliability Analysis of Aircraft Air Conditioning Packs", 3.Aircraft Engineering Symposium, Jeddah, December 2004

Tozan,M and Acar,H., "Location Optimization of Rapier Anti-aircraft Missile System around an Air Base for Aerial Defense Coverage", Technical Report, 2002

9. Scientific and professional societies of which a member:

Senior member, Chamber of Engineers (Aero), Turkey

10. Honors and awards:

Award for contribution to AE Department (2004)

11. Institutional and professional service in the last five years:

- Teaching AE 401 Aerospace System Maintenance, AE 402 Aerospace Avionics, AE 414 Flight Traffic Control & Safety and AE 426 Flight Dynamics-I courses
- Preparation of AE 401 and AE 402 handouts.
- Participate in AE 401 and AE 402 lab development works
- Teaching in short courses
- Giving seminars in The University and RSAF.
- Co-authoring AE 401 lab manual
- Serving in various departmental committees
- Attending symposiums

12. Professional development activities in the last five years

- Attend workshop on "WebCT –online course design", 2003.
- Attend workshop on "Outcome-based Program and Course Assessment", 2004.
- Attend seminar on " New Developments in ABET Accreditation Based on 2004-2005 Criteria", 2005.
- Attend workshop "Preparation of ABET material", 2006.