CURRICULUM VITAE

PERSONAL DATA:

Full Name	: Mehmet Şerif KAVSAOĞLU
Date and Place of Birth	: June 11, 1957, Ankara, TURKEY
Country of Citizenship	: Turkey
Height	: 1.75 m
Weight	: 80 kg
Health Conditions	: Normal
Marital Status	: Married, has two children
Address	: Middle East Technical University Dept. of Aeronautical Engineering 06531 Ankara, TURKEY
Tel	: (++90) (312) 210 4290 , (++90) (312) 210 2471
Fax	: (++90) (312) 210 12 72
EMAIL	: kavsa@metu.edu.tr

DEGREES:

BSc:
İstanbul Technical University, Dept. of Aerospace Engineering, June 1979, with an overall grade of 7.43 (over 10).

MSc:
İstanbul Technical University, Dept. of Aerospace Engineering, January 1981, with an overall grade of 9.10 (over 10).

Post Graduate Diploma Course:
Von Karman Institute For Fluid Dynamics, Belgium, June 1982.

Ph.D.:
Virginia Polytechnic Institute and State University, Department of Aerospace and Ocean Engineering, U.S.A., March 1987.

SCHOLARSHIPS:

In 1981-1982 Akademic year 9 months scholarship for von Karman Institute for Fluid Dynamics Diploma Course given by the von Karman Institute.

NATO Science Scholarship for Ph.D. studies in U.S.A. given through the Scientific and Technical Research Council of Turkey (TÜBİTAK)

PRACTICAL TRAININGS:

Institution	Year	Duration
İstanbul Technical University workshops,İstanbul, Turkey	1975	1 month
Fokker VFW Aircraft Factories, Dordrecht, Holland	1976	2 months
Schiehaven Electric Poweplant, Rotterdam, Holland	1977	2 months
Turkish Airlines Maintenance Plants, İstanbul, Turkey	1978	1 month
von Karman Institute Short Training Program, Belgium	1980	1 month

EMPLOYEMENT:

1979-1983 Research assistant, İstanbul Technical University, Department of Aerospace Engineering.

1984-1986 Research and teaching assistant, Virginia Polytechnic Institute and State University, Department of Aerospace and Ocean Engineering.

1987-1989 Assistant Professor, Middle East Technical University, Department of Aeronautical Engineering.

1989- Associate Professor, Middle East Technical University, Department of Aeronautical Engineering.

1988-1991 Consultant, TUSAŞ Aerospace Industries (TAI), Research and Development.

1989-1989 Lecturer, for the pilot training course offered by M.E.T.U. Aeronautical Engineering Department to Turkish Airlines Pilot Candidates as a subcontractor to Turkish Air League.

1993- 1997 Consultant, TÜBİTAK-SAGE (Scientific and Technical Research Council of Turkey - Defence Industries Reseach and Development Institute).

1994-1994 Lecturer, in the Lecture Series offered by the Middle East Technical University Continuing Education Center to the Turkish Air Force Personnel.

1997-1997 Lecturer, in the Lecture Series offered by the Middle East Technical University Continuing Education Center to the Turkish Air Force Personnel.

1998-1988 Lecturer, at the Turkish Land Forces Academy

ADMINISTRATIVE DUTY:

Oct. 1996 - Nov. 1997: Assistant Chairman, Dept. of Aeronautical Eng. Middle East Technical University.

RESEARCH PROJECTS

1. "Numerical Simulation of Aeronautical Systems". METU Research Fund Project (AFP), No: 88-03-13-01. Completed. Project Director: Dr. Mehmet Şerif Kavsaoğlu.

2. "TAI-GDFW Joint Research on Computational Fluid Dynamics", METU AGUDOS Project No: 88-03-13-01. Destekleyen Kuruluş: TUSAŞ Havacılık ve Uzay Sanayii (TAI), 15.06.1988-15.12.1988.

3. "TAI R D GDFW Joint Research Project: Turbulence Modeling and Numerical Solution of Jets in a Cross Flow", METU AGUDOS Project No: 89-03-13-01. Destekleyen Kuruluş: TUSAŞ Havacılık ve Uzay Sanayii (TAI), 01.01.1989-31.12.1989.

4. "TAI R D GDFW Joint Research Project: Turbulence Modeling and Numerical Solution of Jets in a Cross Flow", METU AGUDOS Project No: 90-03-13-01. Destekleyen Kuruluş: TUSAŞ Havacılık ve Uzay Sanayii (TAI), 01.01.1990-31.12.1990.

5. "Connection of Aeronautical Engineering Dept. Personal Computers to the IBM-3090 Mainframe Computer". METU Research Fund Project (AFP), No: 90-03-13-01. Completed. Project Director: Dr. Mehmet Şerif Kavsaoğlu.

6. "Numerical Investigation of Turbulent Droplet Combustion", TÜBİTAK (Turkey), CNRS (France) joint research project (TÜBİTAK, MISAG-51), 1993-1995. Completed. Project Director: Prof. Dr. Yalçın Göğüş, Project Participants: Dr. Mehmet Ş. Kavsaoğlu, Prof. Michel Champion.

7. "Three Dimensional Unsteady Calculations For Missile Aerodynamics", AGARD Fluid Dynamics Panel, FDP T-100, 1995-1997. Completed. Project Director: Dr. Mehmet Şerif Kavsaoğlu,

Title: Three Dimensional Unsteady Calculations For Missile Aerodynamics
Starting Date : 10 April 1995
Ending Date : 10 April 1997
Participating organizations and individuals: Middle East Technical University (METU): Dr. Mehmet Ş. Kavsaoğlu and Özgür Ertunç, The Scientific and Technical Research Council of Turkey, Defence Industries Research Institute (TUBİTAK-SAGE), Indiana University, Purdue University, Indianapolis (IUPUI) : Dr. Hasan U. Akay and Ahmet B. Açıkmeşe.

8. "Development and Application of Aircraft Design Techniques", METU Research Fund Project (AFP), No: 88-03-13-01. Completed. Project Director: Prof. Dr. Yalçın Göğüş. Project Participants: Dr. Mehmet Ş. Kavsaoğlu, Prof. Dr. Umur Yüceoğlu, Research Assistant Özgür Ertunç, Research Assistant Varlık Özerciyes.

9. "Advanced Computational Methods for Compressible Flows", METU Research Fund Project (AFP), No: 00-03-13-06. Completed. Project Director: Dr. Mehmet Ş. Kavsaoğlu. Project Participants: Turgut Serkan Şen, Erhan Tarhan, Gökhan Durmuş, Şaduman Doğrusöz.

Starting date: 01 June 2000
Ending date: 31 May 2001

10. "Numerical Investigation of Free Pitch Oscillating Stators" METU Scientific Research Project (BAP), No: BAP-2002-03-13-03. Project Director: Dr. Mehmet Ş. Kavsaoğlu. Project Participants: Dr. İ. Sinan Akmandor, Graduate Student Derya Gürak.

Starting date: 01 January 2002
Ending date: 31 December 2002

CONFERENCE ORGANIZING COMMITTEE MEMBERSHIP

AIA' 98 2nd Ankara International Aerospace Conference, September 9-11, 1998 Ankara, TURKEY. Department of Aeronautical Engineering Middle East Technical University, Ankara, TURKEY. Organizing Committee: Y. A. Göğüş, U. Yüceoğlu, İ. S. Akmandor, S. Eyi, M. Ş. Kavsaoğlu, O. Tekinalp. Proceedings: ISBN 975-429-133-0.

LECTURE SERIES ATTENDANCE:

Grid Generation, von Karman Institute for Fluid Dynamics, Belgium, June 1990.

FOREIGN UNIVERSITY VISIT:

Southampton University, Dept. of Aeronautics and Astronautics, SO9 5NH Southampton, England. July 1990, 1 month.
Main contact persons: Dr. G. J. Ball ve Prof. G. M. Lilley.
Subjects: Laser anemometry for flow measurement and turbulence modelling.

TRAINING ON AIRCRAFT DESIGN :

November 1991 - November 1992;
In a program sponsored by the Turkish Undersecretary for Defense Industries training at the CASA Aircraft Company Preliminary Design Department. Paticipation in the CASA 3000 (C-216 study) preliminary design and EUROFLAG prefeasibility studies.

RESEARCH INTERESTS:

Aircraft design and flight mechanics. Experimental and computational aerodynamics; single and multi block, structured three dimensional compressible Euler / Thin Layer Navier Stokes solutions, unstructured Euler / Navier Stokes Solutions (parallel and non parallel), structured and unstructured grid generation and adaptation, three dimensional compressible boundary layer solutions, time dependent flows, crossflow jets, airplane and missile aerodynamics, combustion.

COURSES OFFERED:

Aircraft design, flight mechanics, fluid mechanics, aerodynamics, turbulent boundary layers, computational aerodynamics, propulsion, airfoil and propeler theory.

PhD THESES SUPERVISED:

1. YILMAZ Erdal, "A Three Dimensional Parallel and Adaptive Euler Flow Solver For Unstructured Grids", Middle East Technical University, Department of Aeronautical Engineering, January 2000, (co-supervision with Dr. İ. Sinan Akmandor).
2. ŞEN Turgut Serkan, "Development of a Three Dimensional Multiblock Parallel Navier-Stokes Solver, Middle East Technical University, Department of Aeronautical Engineering, November 2001.

MSc THESES SUPERVISED:

1. TOKSOY Selil, "Design, Manufacture and Experimental Evaluation of a Wind Tunnel Balance", Middle East Technical University, Department of Aeronautical Engineering, February 1990.

2. KARASOY Sartuk, "Pressure Measurements Directed to Wall Adaptation for Two Dimensional Unsteady Flows", Middle East Technical University, Department of Aeronautical Engineering, September 1990, (co-supervision with Prof. Dr. Cahit Çıray).

3. ŞEN Turgut Serkan, "Numerical Simulation of Various Test Cases by using a Thin Layer Navier-Stokes Code", Middle East Technical University, Department of Aeronautical Engineering, September 1994, (co-supervision with Dr. M. Cevdet Çelenligil).

4. YILMAZ Erdal, "Two Dimensional and Axisymmetric Euler Solutions on Unstructured Grids", Middle East Technical University, Department of Aeronautical Engineering, December 1994 (co-supervision with Prof. Dr. Cahit Çıray).

5. LAÇİN Figen, "Navier Stokes Analysis of Low Aspect Ratio Rectangular Flat Wings in Compressible Flow Fields", Middle East Technical University, Department of Aeronautical Engineering, September 1995.

6. TEMEL Beytullah, "Thin Layer Navier Stokes Analysis of Complex Aerodynamic Configurations Using a Zonal Solver", Middle East Technical University, Department of Aeronautical Engineering, September 1995 (co-supervision with Dr. M. Cevdet Çelenligil).

7. ÖNEN Cenk, "Aerodynamic Analysis of Complex Missile Geometries by Panel Methods", Middle East Technical University, Department of Aeronautical Engineering, June1996 (co-supervision with Dr. M. Cevdet Çelenligil).

8. TARHAN Erhan, "An Approach to Numerical Simulation of Three-Dimensional Flow with Spray Combustion", Middle East Technical University, Department of Aeronautical Engineering, June 1996 (co-supervision with Prof. Dr. Yalçın Göğüş).

9. YAVUZ İbrahim, "Three Dimensional Boundary Layer Solutions", Middle East Technical University, Department of Aeronautical Engineering, July 1996.

10. ATEŞOĞLU Özgür, "Different Autopilot Designs and Their Performance Comparison For Guided Missiles", Middle East Technical University, Department of Aeronautical Engineering, December 1996 (co-supervision with Prof. Dr. M. Kemal Özgören).

11. KORKEM Bülent, "Implementation of Non-Equilibrium Johnson-King Turbulence Model in a Navier-Stokes Solver", Middle East Technical University, Department of Aeronautical Engineering, April 1997 (co-supervision with Prof. Dr. Ünver Kaynak).

12. BEKTAŞ İlhami, "Jet-Plume Effects on Missile Aerodynamics", Middle East Technical University, Department of Aeronautical Engineering, July 1997.

13. ŞAHİN Burhan, "Refurbishing, Calibration and Testing of the Mechanical Balance System of the Ankara Wind Tunnel", Middle East Technical University, Department of Aeronautical Engineering, July 1998 (co-supervision with Prof. Dr. Nafiz Alemdaroğlu).

14. ERTUNÇ Özgür, "Parallel Computations of Three Dimensional Unsteady Euler Equations", Middle East Technical University, Department of Aeronautical Engineering, September 1998.

15. DURMUŞ Gökhan, "Three Dimensional Hyperbolic Grid Generation", Middle East Technical University, Department of Aeronautical Engineering, September 1998.

16. AKGÜL Ali, “Surface Pressure and Mach Number Prediction for Axially Symmetric Flows”, Middle East Technical University, Department of Aeronautical Engineering, September 1998.

17. KARAAĞAÇ Cengiz, “The Aerodynamics, Flight Mechanics and Performance Predictions for a Medium Range Cargo Aircraft”, Middle East Technical University, Department of Aeronautical Engineering, November 1998 (co-supervision with Prof. Dr. Nafiz Alemdaroğlu).

18. VATANDAŞ O., Ergüven, “Aerodynamic Performance Predictions of Two and Three Dimensional Configurations by using a Finite Element Package”, Middle East Technical University, Department of Aeronautical Engineering, December 1998 (co-supervision with Prof. Dr. Nafiz Alemdaroğlu).

19. YILDIZ Z., Tolga, “Modernization, Modification and Calibration of the Mechanical Balance System of Ankara Wind Tunnel”, Middle East Technical University, Department of Aeronautical Engineering, February 1999 (co-supervision with Prof. Dr. Nafiz Alemdaroğlu).

20. DOĞRUSÖZ Şaduman, “Numerical Solution of Hypersonic Compression Corner Flows”, Middle East Technical University, Department of Aeronautical Engineering, September 1999 (co-supervision with Prof. Dr. Ünver Kaynak).

21. AVCI Suat, “Static and Forced Oscillatory Tests on a Generic Combat Aircraft Model in Ankara Wind Tunnel”, Middle East Technical University, Department of Aeronautical Engineering, May 2000 (co-supervision with Prof. Dr. Nafiz Alemdaroğlu).

22. ARMUTCUOĞLU Özlem, “The Conceptual Design of a Tilt-Duct VTOL UAV”, Middle East Technical University, Department of Aeronautical Engineering, December 2000.

23. BOZKURTTAŞ Meliha, “Aerodynamic Analysis of External Stores on Aircraft”, Middle East Technical University, Department of Aeronautical Engineering, November 2001.

24. DİKİCİ İlke, “Computational Flight Dynamics and Some Applications”, Middle East Technical University, Department of Aeronautical Engineering, September 2002.

PUBLICATIONS

(Mehmet Şerif Kavsaoğlu)

INTERNATIONAL JOURNALS:

1. KAVSAOĞLU M., SCHETZ J. A., "Effects of Swirl and High Turbulence on a Jet in a Crossflow", Journal of Aircraft, vol. 26, no. 6, June 1989.

2. KAVSAOĞLU M., SCHETZ J. A., JAKUBOWSKI A. K., "Rectangular Jets in a Crossflow", Journal of Aircraft, vol. 26, no. 9, September 1989.

3. KAVSAOĞLU M. Ş., KAYNAK Ü., and VAN DALSEM, W. R., "Three Dimensional Application of the Johnson King Turbulence Model For a Boundary Layer Direct Method", Computers and Fluids, vol. 19, No. 3/4, pp. 363-376, 1991.

4. YILMAZ E., KAVSAOĞLU M. Ş., "Euler Solution of Axisymmetric Jets in Supersonic External Flow", Journal of Spacecraft and Rockets, Vol. 35, No. 1, January-February 1998.

5. DURMUŞ G., KAVSAOĞLU M. Ş., "Marching Distance Functions For Smooth Control of Hyperbolic Grids", AIAA Journal, vol 38, No: 10, October 2000.

6. YILMAZ E., KAVSAOĞLU M. Ş., AKAY H. U., AKMANDOR İ. S., "Cell-Vertex Based Parallel and Adaptive Explicit 3D Flow Solution on Unstructured Grids", International Journal of Computational Fluid Dynamics (IJCFD), Volume: 14, Issue: 4, pp. 271-286, July 2001.

7. GÖĞÜŞ Y. A., ÇAMDALI Ü., KAVSAOĞLU M. Ş., "Exergy Balance of a General System with Variation of Environmental Conditions and Some Applications", ENERGY (Elsevier), volume: 27, no: 7, July 2002.

8. ÖKSÜZ Ö., AKMANDOR İ. S., KAVSAOĞLU M. Ş., "Aerodynamic Optimization of Turbomachinery Cascades Using Euler/Boundary-Layer Coupled Genetic Algorithms", AIAA Journal of Propulsion and Power, Vol. 18, No. 3, May-June 2002.

EDITOR OF A BOOK:

Title: Verification and Validation Data for Computational Unsteady Aerodynamics
No: RTO Technical Report No: 26
Editors: Ruiz-Calavera, Huang, Kavsaoğlu, Guillemot, Naudin, Galbraight, Henshaw, Kaynes, Löser, Tsangaris, Pagano, Geurts, Bennett, Fox, Huttsell
Publisher: Research and Technology Organization (RTO) of NATO, France.
ISBN: 92-837-1048-7
Pages: 554
Date of Publication: October 2000

INTERNATIONAL CONFERENCE AND SYMPOSIUMS:

1. KAVSAOĞLU M., SCHETZ J. A., JAKUBOWSKI A. K., "Dual Rectangular Jets From a Flat Plate in a Crossflow", AIAA Paper 86-0477, AIAA 24th Aerospace Sciences Meeting, January 6-9, 1986, Reno, Nevada, U.S.A.

2. KAVSAOĞLU M. Ş., KAYNAK Ü., and VAN DALSEM, W. R., "Three Dimensional Application of the Johnson King Turbulence Model For a Boundary Layer Direct Method", International Symposium on Computational Fluid Dynamics (ISCFD), Nagoya, Japan, August 28-31, 1989.

3. KARASOY S., KAVSAOĞLU M., "Unsteady Boundary Pressure Studies for Adaptive Wind Tunnel Wall Interference", Second International Conference on Adaptive Wall Wind Tunnel Research and Wall Interference Correction, July 10-14, Xian, Shaanxi, China.

4. KAVSAOĞLU M., AKMANDOR S., ÇIRAY S., FUJII K., "Navier-Stokes Simulation of Two and Three Dimensional Jets in Crossflow", AIAA Paper 91-1743, AIAA 22nd Fluid Dynamics, Plasmadynamics, and Lasers Conference, June 24-24, Honolulu, Hawaii, U.S.A.

5. KAVSAOĞLU M., AKMANDOR S., ÇIRAY S., FUJII K., "Navier-Stokes Simulation of Two and Three Dimensional Jets in Crossflow, Effects of Grid and Boundary Conditions", AGARD Fluid Dynamics Panel Symposium on Computational and Experimental Assessment of Jets in Cross Flow, 19-22 April 1993, Winchester, United Kingdom (in AGARD CP-534).

6. YAĞCI H., KAVSAOĞLU M., "Navier Stokes Analysis of a Swirling Jet in a Crossflow", AGARD Fluid Dynamics Panel Symposium on Computational and Experimental Assessment of Jets in Cross Flow, 19-22 April 1993, Winchester, United Kingdom (in AGARD CP-534).

7. LAÇİN F., KAVSAOĞLU M., "Navier Stokes Analysis of Low Aspect Ratio Rectangular Flat Wings in Compressible Flow", ICAS-94-10.3.3, 19th Congress of the International Council of the Aeronautical Sciences and AIAA Aircraft Systems Conference, September 18-23, Anaheim, CA, U.S.A.,

8. ŞEN T.S., KORKEM B., TEMEL B., KAVSAOĞLU M.Ş., "Analysis of Complex Aerodynamic Configurations with a Zonal Navier Stokes Solver", ICAS-96-7.10.1, 20th Congress of the International Council of the Aeronautical Sciences, September 8-13, 1996, Sorrento, Napoli, Italy.

9. YILMAZ E., KAVSAOĞLU M. Ş., "Numerical Solution of Axisymmetric Jet Plume Coupled with External Freestream", ICAS-96-7.10.4 20th Congress of the International Council of the Aeronautical Sciences, September 8-13, 1996, Sorrento, Napoli, Italy.

10. ÖNEN C., YAVUZ İ., KAVSAOĞLU M. Ş., "Calculation of Aerodynamic Coefficients of Missile Like Geometries by Viscous/Inviscid Coupling",

ICAS-96-7.9.2, 20th Congress of the International Council of the Aeronautical Sciences, September 8-13, 1996, Sorrento, Napoli, Italy.

11. ERTUNÇ Ö., KAVSAOĞLU M. Ş., AKAY H.U., AÇIKMEŞE A. B., "Parallel Euler Solutions For a Supercritical Airfoil in Unsteady Compressible Flow",UNCONF'97, First International Conference on Unconventional Flight, October 13-15, 1997, Technical University of Budapest, Department of Aircraft and Ships, Budapest, Hungary.

12. KAVSAOĞLU M. Ş., "Aeronautical Engineering Design Course at Middle East Technical University", Third European Workshop on Aircraft Design Education, Bristol, UK, 11-12 May 1998.

13. DURMUŞ G., KAVSAOĞLU M. Ş., "Control of Hyperbolic Grids", AIA `98 – Proceedings of the 2nd Ankara International Aerospace Conference, 9-11 September 1998, Middle East Technical University, Ankara, Turkey, pp. 120-124.

14. DOĞRUSÖZ S., KAVSAOĞLU M. Ş., "Euler Solution of a Hypersonic Compression Corner Flow", AIA `98 – Proceedings of the 2nd Ankara International Aerospace Conference, 9-11 September 1998, Middle East Technical University, Ankara, Turkey, pp. 419-425.

15. YILMAZ E. KAVSAOĞLU M. Ş., "Parallel Adaptive Flow Solution on Unstructured Meshes", Paralel CFD Workshop – Experiences in Implementation, June 16-18, 1999 Istanbul Technical University, Faculty of Aeronautics and Astronautics, Istanbul, Turkey.

16. OKAN A., TEKİNALP O., KAVSAOĞLU M. Ş., ARMUTÇUOĞLU Ö., TULUNAY E., "Flight Mechanics Analysis of a Tilt Rotor UAV", AIAA Atmospheric Flight Mechanics Conference and Exhibit, August 9-11, 1999 / Portland, OR, USA.

17. ARMUTÇUOĞLU Ö., KAVSAOĞLU M. Ş., TEKİNALP O., OKAN A., TULUNAY E., "Conceptual Design of a Tilt-Duct VTOL UAV", 15th Bristol International UAV Systems Conference: 10-12 April 2000, Bristol, UK.

18. YILMAZ E., AKAY H. U., KAVSAOĞLU M.S., AKMANDOR I. S., "Parallel and Adaptive 3D Flow Solution Using Unstructured Grids", International Parallel CFD 2000 Conference, Trondheim, Norway, May 22-25, 2000.

Parallel Computational Fluid Dynamics – Trends and Applications, Proceedings of the Parallel CFD 2000 Conference (Trondheim, Norway, May 22-25, 2000), J. B. Jenssen et al. (Editors), 2001 Elsevier Science B.V., ISBN: 0-444-50673-X.

19. KAVSAOĞLU M.Ş., TEKİNALP O., TULUNAY E., OKAN A., ARMUTÇUOĞLU Ö., "Design, Flight Mechanics and Control of a VTOL UAV", NATO RTO-AVT (Research and Technology Organization – Applied Vehicle Technology Panel) Symposium on Unmaned Vehicles (UV) For Aerial, Ground and Naval Military Operations, 9-13 October 2000, Ankara, Turkey.

20. DOĞRUSÖZ Ş., KAVSAOĞLU M. Ş., KAYNAK Ü., "Numerical Solution of Hypersonic Compresion Corner Flows", 10th AIAA/NAL-NASDA-ISAS International Space Planes and Hypersonic Systems and Technologies Conference, April 24-27, 2001, Kyoto, Japan. AIAA Paper No: 2001-1750.

21. OYSAL T., KAVSAOĞLU M. Ş., "A Flight Simulation Software for Flight Mechanics Education", AIAA Atmospheric Flight Mechanics Conference, 6-9 August 2001, Montreal, Canada. AIAA Paper No: 2001-4309.

22. OKAN A., TEKİNALP O., KAVSAOĞLU M. Ş., "Flight Control of a Tilt Duct VTOL UAV", AIAA 1st Unmanned Aerospace Vehicles, Systems,Technologies, and Operations Conference, Portsmouth, Virginia 20 - 23 May 2002, AIAA Paper No: 2002-3466

23. DURMUŞ G., KAVSAOĞLU M. Ş., "Multi Block Navier Stokes Solutions of Low Aspect Ratio Rectangular Flat Wings in Compressible Flow", in proceedings of the 23rd international Congress of Aeronautical Sciences, Toronto, Canada, 8-13 September, 2002.

24. TARHAN E., KAVSAOĞLU M. Ş., OKTAY E., "Solution of Airfoil-Flap Configurations By Using Chimera Grid System", in proceedings of the 23rd international Congress of Aeronautical Sciences, Toronto, Canada, 8-13 September, 2002.

THESES, REPORTS AND LOCAL PUBLICATIONS:

1. İstanbul Technical University, Faculty of Mechanical Engineering, Aircraft Elements and Engines Section Report:
   "Subsonic Wind Tunnels", Prof. Dr. M. Zeki ERİM, Y. Müh. Veysel ATLI, Müh. Mehmet KAVSAOĞLU, 1979 (in Turkish).

2. MSc Thesis:
   "Investigation of the Flow Around Axisymmetric Bodies",
   Supervisor: Prof. Dr. M. Zeki ERİM.
   İstanbul Technical University, Faculty of Mechanical Engineering, MSc Thesis No: 89, January 1981 (in Turkish).

3. Von Karman Institute Project Report:
   "Flow Around Low Aspect Ratio Rectangular Flat Plates Including Compressibility",
   Supervisor: Dr. J. F. WENDT
   VKI PR 1982-15, June 1982.

4. Ph.D. Dissertation:
   "Jets in a Crossflow Including the Effects of Dual Arrangements, Angle, Shape, Swirl and High Turbulence",
   Chairman of the Advisory Committee: Dr. J. A. SCHETZ

Virginia Polytechnic Institute and State University, Department of Aerospace and Ocean Engineering, December 1986, Blacksburg, Virginia, U.S.A.

5. ERİM M. Zeki, ATLI Veysel, KAVSAOĞLU Mehmet Ş., "Construction of a Low Speed Subsonic Wind Tunnel and Determination of the Velocity Profile in the Test Section", TÜBİTAK VII. th Science Congress, Mechanical Engineering Section, September 29 - October 3, 1980, Kuşadası, Turkey (in Turkish).

6. TOKSOY S., KAVSAOĞLU M., "The Design and Manufacturing of a Wind Tunnel Balance", Mühendis ve Makina (Engineer and Machine; a monthly journal of the Turkish Chamber of Mechanical Engineers), No: 379, August 1991 (in Turkish).

7. ÇIRAY C., KAVSAOĞLU M., "Final Report of TAI X 1 Project", Middle East Technical University, Aeronautical Engineering Department, April 1991, Ankara, O.D.T.Ü. Döner Sermaye Proje No: 90-03-13-05.

8. KAVSAOĞLU M. Ş., "EUROFLAG Prefeasibility Studies for Logistic 2 (20 tons to 3000 NM) and for Mach Numbers of 0.72, 0.76, and 0.80", CASA Aircraft Company Preliminary Design Department Technical Report No: AEG-DP-FLG-NT-92024, Checked by: Juan Carlos GARCIA ROJO, Approved by: Jose Luis LOPEZ DIEZ, October 1992, Madrid, Spain, (internal use of CASA only).

9. YILMAZ D., KAVSAOĞLU M. Ş., "Conceptual Design Analysis of C-216", CASA Aircraft Company Preliminary Design Department Technical Report No: AEG-DP-C3M-NT-92025, Checked by: P. CESAR, J. C. GARCIA, Approved by: J. L. LOPEZ DIEZ, November 1992, Madrid, Spain (also Turkish Undersecretary of Defence Industries, Light Transport Aircraft Project, Research and Development Program report).

10. YILMAZ D., KAVSAOĞLU M. Ş., "Preliminary Design of a 68 Passenger Medium Range Passenger Aircraft", VIII. th National Mechanics Congress, September 6-10, 1993 Antalya, Turkey (in Turkish).

11. YILMAZ Erdal, KAVSAOĞLU Mehmet Ş., "Axially Symmetric Euler Solution of the Missile Flowfields", T.C. Hv. K. K. Hava Harp Okulu Komutanlığı I. Havacılık Sempozyumu, 9-10 Haziran 1994, Hava Harp Okulu, Yeşilyurt, İstanbul (presented at the Air Force Cadet School, First Aeronautics Symposium, June 9-10, 1994, İstanbul, Turkey, in Turkish).

12. ŞEN T. Serkan, TEMEL Beytullah, KAVSAOĞLU Mehmet Ş., "Application of the Navier Stokes Equations to Internal and External Flow Problems", T.C. Hv. K. K. Hava Harp Okulu Komutanlığı I. Havacılık Sempozyumu, 9-10 Haziran 1994, Hava Harp Okulu, Yeşilyurt, İstanbul (presented at the Air Force Cadet School, First Aeronautics Symposium, June 9-10, 1994, İstanbul, Turkey, in Turkish).

13. KAVSAOĞLU Mehmet Şerif, "How an Aircraft Fly?", Bilim ve Teknik, Sayı: 321, Ağustos 1994 (in "Science and Technology", a monthly journal of the

Scientific and Technical Research Council of Turkey, No:321, August 1994, in Turkish).

14. ÇAKMAK M. A., YILMAZ A. O., KAVSAOĞLU M. Ş., "Design of Best Propeller for Wind Generator", 1st National Wind Energy Symposium, June 1-2 1995, İstanbul, Turkey (in Turkish). Published in: Kaynak Elektrik, No: 87 (1985/4)

15. YILMAZ Erdal, DİLAVER Serdar, YARAN Ahmet, KAVSAOĞLU Mehmet Şerif, "Euler Solution of Compressible Flowfields Around Cylinder and Sphere by Using Solution Adaptive Unstructured Meshes", IX. National Mechanics Congress, 4-8 September 1995, Ürgüp, Turkey (in Turkish).

16. YILMAZ Erdal, KAVSAOĞLU Mehmet Şerif, "Viscous Analysis of the Flowfield Around a Missile Body with Base Jet", IX. National Mechanics Congress, 4-8 September 1995, Ürgüp, Turkey (in Turkish).

17. TELÇEKER Necati, YILMAZ Adil Onur, ÇAKMAK Murat Arda, YILMAZ Erdal, KAVSAOĞLU Mehmet Şerif, "Re-Activation of the Ankara Wind Tunnel", IX. National Mechanics Congress, 4-8 September 1995, Ürgüp, Turkey (in Turkish).

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