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**UNITED STATES AIR FORCE
SCHOOL OF AEROSPACE MEDICINE**

**Publications and Presentations
of the Ophthalmology Branch,
USAF School of Aerospace Medicine
1971-1980**

Thomas J. Tredici

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July 2002

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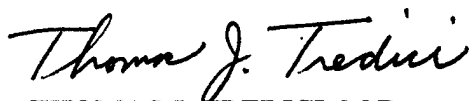
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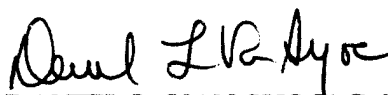
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14. ABSTRACT
Aerospace ophthalmology combines the practice of Clinical Ophthalmology and Aerospace Medicine in attempting to solve the visual and ophthalmological problems of the aviator and astronaut. The Ophthalmology Branch of the USAF School of Aerospace Medicine has exclusively performed this task for nearly 85 years. The visual problems and solutions proposed are documented in the publications and invited presentations of Ophthalmology Branch personnel, listed for the years 1971 through 1980. They deal primarily with applied visual and clinical topics; such as, visual standards for flying, the use of contact lenses in aviation, visual illusions and aircraft accidents, air-to-air target acquisition, management of glaucoma in flying personnel, the effect of ultra violet energy on the eye, laser energy effects on the eye, laser protective filters, color vision standards, microstrabismus in flying personnel, etc.

15. SUBJECT TERMS
Aerospace ophthalmology, visual standards, refractive surgery, visual problems in aviation, aviators' vision, laser eye effects, color vision in aviation

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PUBLICATIONS AND PRESENTATIONS OF THE OPHTHALMOLOGY BRANCH
USAF SCHOOL OF AEROSPACE MEDICINE

OPHTHALMOLOGY BRANCH

1971 Publications

1. TRANSPARENCIES USED IN MILITARY AVIATION AND THEIR EFFECTS ON VISION
Provines, Wayne F. and B. Kislin
J. Amer. Optom. Assn., Vol 42, No. 1, pp. 57-63, Jan 71.
2. F-111 WINDSCREEN MULTIPLE IMAGE PHENOMENA
Provines, Wayne F.
Report to USAFSAM Commander, 1971.
3. THE EFFECTS OF AGING ON THE AMPLITUDE OF CONVERGENCE
Provines, Wayne F.
Am. J. of Optometry and Arch. of Am. Acad. Of Optometry, Vol 48, No. 6, June 1971.
4. GHOST IMAGERY INTENSITY AND DURABILITY OF SELECTED ANTIREFLECTANT COATINGS
Provines, Wayne F. et al
June 1971.
5. GLASS VERSUS PLASTIC LENSES- AN AIR FORCE REPLACEMENT AND DURABILITY COMPARISON
Targove, Bertram D. et al
July 1971.
6. PERCEPTUAL ASPECTS OF STABILIZED RETINAL IMAGES
Targove, Bertram D.
Optometric Weekly, Vol. 42, pp. 35-37, Oct 71.
7. AN OVERVIEW OF BINOCULAR COLOR MIXING
Targove, Bertram D.
Optometric Weekly, Vol. 62, No. 15, 15 April 1971.
8. THE EFFECT OF PILOCARPINE ON THE ACA RATIO
Targove, Bertram D.
Am. J. of Optometry and Arch. of Am. Acad. of Optometry, Vol 48, No. 8, Aug 1971.
9. PHARMACOLOGICAL ASPECTS OF OPTOMETRIC PRACTICE
Targove, Bertram D.
Optometric Weekly, Vol. 62, No. 8, 21 Feb 71.
10. PLASTIC LENS (CR-39) WARPAGE
Kislin, Benjamin et al
SAM-TR (In Press) July 1971.

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11. THE EFFECTS OF ULTRAVIOLET ON THE EYE
Pitts, Donald G., T. J. Tredici
Amer. Industrial Hygiene Assn. Journal, Vol 32: 235-246, No. 4, April 1971.
12. POSSIBLE CATARACTOGENIC EFFECTS OF RADIOFREQUENCY RADIATION
Reider, D., D. L. Epstein and J. H. Kirk
Aeromedical Review 3-71, USAF School of Aerospace Medicine, Brooks AFB TX, August 1971.
13. LENS AND RED CELL SULFHYDRYL MEMBRANE GROUPS
Epstein, David L.
Exp. Eye Research, Vol 11: 351-355 (1971).
14. RETINAL ACTION POTENTIAL IN THE WHITE-EYED MUTANT OF THE MOSQUITO Aedes Aegypti L.
Brammer, J. D.
SAM-TR-71-17, USAF School of Aerospace Medicine, Brooks AFB TX, July 1971.
15. MICROWAVE LENTICULAR EFFECTS IN THE USAF
Shacklett, David E. et al
Source: USAF School of Aerospace Medicine, Brooks Air Force Base, Texas Handout - 1971.
16. OCULAR LASER THRESHOLD INVESTIGATIONS
Vassiliadis, A., H. C. Zweng and R. G. Dedrick
Stanford Research Institute, Menlo Park, CA. Contact F41609-70-C-0002. January 1971. AD 731577.
17. INVESTIGATION OF LASER SKIN HAZARDS
Williams, J. P. G.
Battelle/Memorial Institute. Contact F41609-70-C-0024. March 1971. AD 735794.
18. ATMOSPHERIC EFFECTS UPON LASER EYE SAFETY, PART III
Dabberdt, W. F. and W. B. Johnson
Stanford Research Institute, Menlo Park, CA. Contact F41609-69-C-0001. May 1971. AD 902417.
19. R&D OF AN OCULAR LASER PROTECTIVE FILTER
Woodcock, R. F. and R. J. Hovey
American Optical, Corporation. Contact F41609-69-C-0050. July 1971. AD 735799.

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1971 Presentations

1. OCULAR COMPLICATIONS OF DRUG THERAPY

Tredici, T. J., L. Epstein

Presentation at the annual meeting of the Aerospace Medical Association, 25-29 April 1971, Houston, Texas

2. THE EVALUATION OF NIGHT VISION PROBLEMS

Chen, George D., T. J. Tredici

Presentation at the annual meeting of the Aerospace Medical Association, 25-29 April 1971, Houston, Texas.

3. EFFECTS OF RADIANT ENERGY ON THE EYE

Tredici, T. J.

Presentation to members of the National Committee for Research in Ophthalmology and Blindness at their 16th Annual Luncheon Forum, 18 September 1971, International Hotel, Las Vegas, Nevada.

4. OCULAR TRAUMA - MILITARY ASPECTS

Tredici, T. J.

Course offered to members of the American Academy of Ophthalmology and Otolaryngology at the annual meeting, 17-24 Sep 71, Las Vegas, Nevada.

5. EYE RESEARCH AT THE USAF SCHOOL OF AEROSPACE MEDICINE

Tredici, T. J.

Presentation to members of the Texas Society for the Prevention of Blindness, Inc., at their annual dinner meeting, San Antonio, Texas, 7 December 1971.

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PUBLICATIONS AND PRESENTATIONS OF THE OPHTHALMOLOGY BRANCH
USAF SCHOOL OF AEROSPACE MEDICINE

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1972 Publications

1. DRUSEN OF THE OPTIC DISC WITH VISUAL VIELD DEFECT AND MARCUS GUNN PUPILLARY PHENOMENON
Barry, William E., T. J. Tredici
Aerospace Medicine, Vol 43, No. 2, February 1972.
2. GLASS VERSUS PLASTIC - AN AIR FORCE REPLACEMENT DURABILITY STUDY
Targove, Bertram D., J. W. Miller, T. J. Tredici, B. Kislin, A.J. Rahe, W.F. Provines
Am. J. Optometry and Arch. Am. Acad. Optom. 49 (4): 320-329, 1972.
3. PUPILLOTONIA (ADIE'S PUPIL): DIAGNOSIS AND SIGNIFICANCE IN FLIERS
Epstein, David L., T. J. Tredici
Aerospace Medicine, Vol. 43, No. 5, May 1972.
4. HISTORY, RATIONALE, AND VERIFICATION OF COLOR VISION STANDARDS AND TESTING IN THE US AIR FORCE
Tredici, Thomas J., J. L. Mims, III, J. F. Culver
Agard Conference Pre-Print No. 99, 30 May 1972, Proceedings of the AGARD NATO Aerospace Medical Panel Meetings, Brussels, Belgium, 27 May - 2 Jun 1972.
5. PLASTIC LENS (CR-39) WARPAGE
Kislin, Benjamin, B. D. Targove, J. W. Miller, T. J. Tredici
SAM-TR-72-4, July 1972.
6. EVER CLOCK AN IMPACT-RESISTANT LENS?
Kislin, Benjamin
Optometric Weekly, July 13, 1972.
7. USE OF THE FOUR-DIOPTER PRISM TEST IN MICROEXOTROPIA
Epstein, David E., T. J. Tredici
American J. of Ophthalmology, Vol 74, No. 2, August 1972.
8. OCULAR COMPLICATIONS OF DRUG THERAPY
Tredici, Thomas J., D. L. Epstein
Aerospace Medicine, Vol 43, No. 8, August 1972.
9. KERATOCONUS IN USAF FLYING PERSONNEL
Barry, William E., T. J. Tredici
Aerospace Medicine, Vol. 43, No. 9, Sep 1972.

1972 Publications (continued)

10. IDIOPATHIC CENTRAL SEROUS RETINOPATHY (CHOROIDOPATHY) IN FLYING PERSONNEL

Epstein, David L., D. E. Shacklett, T. J. Tredici, R. J. Houck

Aerospace Medicine, Vol. 43, No. 11, November 1972.

11. FLITEFOCAL: A NEW VISUAL AID FOR THE PRESBYOPIC FLYER

Tredici, T. J.

Project Report Ophthalmology Branch USAFSAM, May 1972.

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1. CENTRAL SEROUS RETINOPATHY IN FLYING PERSONNEL
Shacklett, David E.
Presentation at the USAF Society of Clinical Surgeon's Symposium, 17-19 April 1972, Biloxi, Miss.
2. FLITEFOCAL: A NEW VISUAL AID FOR THE PRESBYOPIC FLYER
Tredici, Thomas J.
Presentation at the annual meeting of the Aerospace Medical Association, 7-12 May 1972, Bal Harbour, Florida.
3. KERATOCONUS IN USAF FLYING POPULATION
Barry, W. G., T. J. Tredici
Presentation at the annual meeting of the Aerospace Medical Association, 7-12 May 1972, Bal Harbour, Florida.
4. AN EVALUATION OF THE LANDOLT RING RADIOACTIVE PLAQUE NIGHT VISION TESTER
Mims, James L. III, T. J. Tredici
Presentation at the annual meeting of the Aerospace Medical Association, 7-12 May 1972, Bal Harbour, Florida.
5. AEROSPACE OPHTHALMOLOGY
Tredici, Thomas J.
Presentation at the annual meeting of the American Academy of Ophthalmology and Otolaryngology, Dallas, Texas, 22-29 September 1972.

SCIENTIFIC EXHIBITS - 1972

1. ULTRAVIOLET RADIANT ENERGY AND THE EYE
Tredici, T. J., D. E. Shacklett
Aerospace Medical Association Annual Meeting, 7-12 May 1972, Bal Harbour, Florida.
2. ULTRAVIOLET RADIANT ENERGY AND THE EYE
Tredici, T. J., J. G. Muckleroy
American Medical Association Annual Meeting, 17-22 Jun 72, San Francisco CA.
3. ULTRAVIOLET RADIANT ENERGY AND THE EYE
Tredici, T. J., J. G. Muckleroy
79th Annual Meeting of the Association of Military Surgeons of the United States, Convention Center, San Antonio TX, 10-13 Dec 72.

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1973 Publications

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Mims, James L., III, T. J. Tredici
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2. GHOST IMAGERY INTENSITY AND DURABILITY OF SELECTED ANTI-REFLECTANT COATINGS
Provines, Wayne F., B. D. Targove, B. Kislin
Am. J. Optom and Arch of Am. Acad Optom, Vol 50, No. 1, 1973.
3. MANAGEMENT OF GLAUCOMA IN AN AGEING FLYING POPULATION
Tredici, Thomas J., J. L. Mims III, J. F. Culver
Conference Proceedings, Lecture Series/Report, Aerospace Medical Panel Meetings, AGARD, Pensacola FL, 14-17 May 1973.
4. MICROTROPIA (MONOFIXATION SYNDROME) IN FLYING PERSONNEL
Epstein, David L., T. J. Tredici
American Journal of Ophthalmology, Vol. 76, November 1973.
5. HISTORY, RATIONALE AND VERIFICATION OF COLOR VISION STANDARDS AND TESTING IN THE USAF.
Tredici T.J., J. L. Mims III, J. F. Culver
AGARD-CP-99, Feb. 1973.
6. RETINAL BURN THRESHOLDS FOR EXPOSURE TO A FREQUENCY-DOUBLED NEODYNIUM LASER
Gibbons W. D.
SAM TR-73-45, June 1973, USAF School of Aerospace Medicine.
7. OCULAR FINDINGS IN VIETNAM RPWs 1965-1973
Klein J. W, T. J. Tredici
Project Report Ophthalmology Branch USAFSAM, July 1973.

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1. COLOR VISION STANDARDS AND TESTING IN THE USAF: I. HISTORY, TESTING PROCEDURES AND RATIONALE
Tredici, Thomas J., J. L. Mims III, J. F. Culver
Aerospace Medical Association Scientific Meeting, Las Vegas NV, 7-10 May 1973.
2. COLOR VISION STANDARDS AND TESTING IN THE USAF: II. COLOR VISION DEFECTS IN EXPERIENCED FLYING PERSONNEL
Mims, James L. III, T. J. Tredici
Aerospace Medical Association Scientific Meeting, Las Vegas NV, 7-10 May 1973.
3. MICROWAVE LENTICULAR EFFECTS IN THE US AIR FORCE
Shacklett, David E., T. J. Tredici
Aerospace Medical Association Scientific Meeting, Las Vegas NV, 7-10 May 1973.
4. MANAGEMENT OF GLAUCOMA IN AN AGING FLYING POPULATION
Tredici, Thomas J., James L. Mims III, J. F. Culver
AGARD Spring Meeting, Naval Aerospace Med Center, Pensacola FL, 14-17 May 73.
5. BALLISTIC IMPACT TESTING OF SCRATCHED AND UNSCRATCHED OPHTHALMIC LENSES
Welsh, Kenneth W.
American Optometric Association, San Francisco CA, 24 Jun – 2 July 1973.
6. CHRONIC OPEN ANGLE GLAUCOMA IN USAF PILOTS AND NAVIGATORS - PROGRESS NOTES
Mims, James F., T. J. Tredici
Semi-annual Clinical Conference, University of Texas Medical School, San Antonio, Texas, June 1973.
7. ORTHOKERATOLOGY – HELP OR HINDRANCE
Tredici, Thomas J., D. E. Shacklett
Presentation at the annual meeting of the American Academy of Ophthalmology and Otolaryngology, 14-22 Sep 73, Dallas, Texas.
8. OPHTHALMIC ASSISTANTS
Muckleroy, Jack G.
Lecture to San Antonio College students enrolled in the Ophthalmic Assistants course, Northeast Baptist Memorial Center, 30 Aug 73.

1973 Presentations (continued)

9. VISUAL PERFORMANCE THROUGH THE B-1 AIRCRAFT PROPOSED WINDSHIELD
Provines, Wayne F.
Presentation at the 1973 annual meeting of the American Academy of Optometry, 5-12 December 1973, San Francisco CA.
10. BALLISTIC TESTING OF SUNGLASS LENSES AND PHOTOCROMIC LENSES
Welsh, Kenneth W.
Presentation at the 1973 annual meeting of the American Academy of Optometry, 5-12 December 1973, San Francisco CA.
11. THE EFFECTS OF HYPERBARIC PRESSURE ON KERATOMETRIC MEASUREMENTS
Welsh, K. W.
Presentation at the 1973 annual meeting of the Amer. Acad. of Optometry, 5-12 December 1973 San Francisco, CA.

SCIENTIFIC DISPLAYS – 1973

1. VISUAL AIDS FOR THE AVIATOR
Tredici, T. J., D. E. Shacklett
Aerospace Medical Association Annual Meeting, 7-10 May 1973, Las Vegas NV.
2. VISUAL AIDS FOR THE AVIATOR
Tredici, T. J., J. G. Muckleroy
American Medical Association Annual Meeting, 22-27 June 73, New York NY.
3. VISUAL AIDS FOR THE AVIATOR
Tredici, T. J., J. G. Muckleroy
American Academy of Ophthalmology and Otolaryngology, 14-22 Sep 73, Dallas TX.

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1974 Publications

1. ORTHOKERATOLOGY – HELP OR HINDRANCE
Tredici, Thomas J., D. E. Shacklett
Transactions of Am. Acad. Ophthal. and Otolaryngol., Vol 78, No. 3, May-June 1974.
2. AEROSPACE OPHTHALMOLOGY
Tredici, Thomas J.
Aerospace Physiology and Medicine. Medical Engineering, (Ed) Charles Dean Ray, M.D., Chapter 65, Medical Publishers, Inc., Chicago, 1974.
3. BALLISTIC IMPACT TESTING OF SCRATCHED AND UNSCRATCHED OPHTHALMIC LENSES
Welsh, Kenneth W., G. Kislin, T. J. Tredici
American J. of Optometry and Physiological Optics, Vol. 51, No. 5, May 1974.
4. PROPOSED WINDSHIELD FOR B-1 AIRCRAFT: AN OPTICAL EVALUATION
Provines, Wayne F., B. Kislin, T. J. Tredici
SAM-TR-74-35, USAF School of Aerospace Medicine, Brooks AFB TX, Sep 1974.
5. ORTHOKERATOLOGY – EFFECTS ON THE VISUAL EXAMINATION FOR FLYING
Tredici, Thomas J., D. E. Shacklett
Preprint of 1974 Scientific Program, Aerospace Medical Association, 6-9 May 1974.
6. MONOCULAR DIPLOPIA IN AIRCREW MEMBERS
Stampfer, Kenneth A., T. J. Tredici
Preprint of 1974 Scientific Program, Aerospace Medical Association, 6-9 May 1974.
7. MICROSTRABISMUS IN FLYING PERSONNEL (DIAGNOSIS AND DISPOSITION)
Tredici, Thomas J.
AGARD-CPP-152, Conference Proceedings of AGARD meeting on Medical Requirements and Examination Procedures in Relation to the Tasks of Today's Aircrew: Evaluation of the Special Senses for Flying Duties, 16-20 Sep 74, Pozzuoli (Naples), Italy.
8. OCULAR HYPERTENSION AND CHRONIC OPEN ANGLE GLAUCOMA IN USAF PILOTS AND NAVIGATORS
Mims, J. L., T. J. Tredici
SAM-TR-74-48, Dec 1974.

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1974 Presentations

1. ORTHOKERATOLOGY – ITS EFFECTS ON THE VISUAL EXAMINATION FOR FLYING

Tredici, Thomas J., D. E. Shacklett

Presentation at the 45th Annual Scientific Meeting of the Aerospace Medical Association, 4-10 May 1974, Wash DC.

2. MONOCULAR DIPLOPIA IN AIRCREW MEMBERS

Stampfer, Kenneth A., T. J. Tredici

Presentation at the 45th Annual Scientific Meeting of the Aerospace Medical Association, 4-10 May 1974, Wash DC.

3. THE STATUS OF OPTOMETRY IN THE AIR FORCE

Kislin, Benjamin

Presentation at the Biennial Army Optometry Seminar, 21-25 Oct 74, Fitzsimons Army Medical Center, Denver CO.

4. EYE DAMAGE FROM SPECTACLE LENS FRAGMENTATION – WITH AND WITHOUT CONTACT LENSES

Welsh, Kenneth W.

Presentation at the Annual Meeting of the American Academy of Optometry, 11-17 Dec 74, Miami Beach FL.

5. MICROSTRABISMUS IN FLYING PERSONNEL (DIAGNOSIS AND DISPOSITION)

Tredici, Thomas J.

Presented at the 31st Aerospace Medical Panel Meeting of AGARD, NATO, Accademia Aeronautica, Possuoli (Naples) Italy, 16-20 Sep 74.

6. GLAUCOMA AND TONOGRAPHY

Tredici, Thomas J.

Lecture – Continuing Education Program of the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) for Ophthalmic Technicians, 10 October 1974, Dallas, Texas.

1974 Presentations (continued)

SCIENTIFIC DISPLAYS – 1974

1. VISUAL AIDS FOR THE AVIATOR

Tredici, T. J., D. E. Shacklett

Aerospace Medical Association Annual Meeting, 6-9 May 1974, Wash DC.

2. VISUAL AIDS FOR THE AVIATOR

Col Thomas J. Tredici

American Medical Association Annual Meeting, 22-27 June 74, Chicago IL.

3. VISUAL AIDS FOR THE AVIATOR

D. I. Tasker, Mr J. W. Miller

American Academy of Ophthalmology and Otolaryngology, 5-10 Oct 74, Dallas TX.

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USAF SCHOOL OF AEROSPACE MEDICINE

OPHTHALMOLOGY BRANCH

1975 Publications

1. THE EFFECTS OF HYPERBARIC AIR PRESSURE ON KERATOMETRY
Welsh, Kenneth W., Quentin Bennett, B. Kislin
Am. J. Optom. & Physiol. Optics, Vol 52, March 1975, p. 192-198.
2. AN UP-TO-DATE LOOK AT EYE SAFETY
Welsh, Kenneth W., J. A. Kemp
Medical Service Digest – Sept/Oct 1975, p. 26-27.
3. EYE DAMAGE FROM SPECTACLE LENS FRAGMENTATION – WITH AND WITHOUT CONTACT LENSES
Welsh, Kenneth W., T. J. Tredici
Ophth. Branch Project Paper, Oct 1975.
4. MONOCULAR DIPLOPIA IN AIRCREW MEMBERS
Stampfer, Kenneth A., T. J. Tredici
American Journal of Ophthalmology, Vol 80, No. 4, Oct 1975, p. 759-763.
5. THE UNITED STATES AIR FORCE SCREENING AND MANAGEMENT PROGRAM FOR CHRONIC OPEN-ANGLE GLAUCOMA – EVALUATION AFTER TEN YEARS
Tredici, Thomas J., J. L. Mims III
46th Annual Scientific Meeting, Aerospace Medical Association, San Francisco CA, 28 April – 1 May 1975.
6. THE AEROMEDICAL IMPLICATIONS OF OCULAR INJURIES – USAF SCHOOL OF AEROSPACE MEDICINE EXPERIENCE
Shacklett, David E., T. J. Tredici
46th Annual Scientific Meeting, Aerospace Medical Association, San Francisco CA, 28 April – 1 May 1975.
7. USE OF THE ERG AND EOG IN EVALUATING THE EFFECT OF SLEEP DEPRIVATION ON VISUAL FUNCTION IN FLYING PERSONNEL
Tasker D. I, S. G. Kinel, T. J. Tredici
Aviation, Space and Environ Med. July 1975, p. 943-945.
8. MONOCULAR DIPLOPIA IN FLYING PERSONNEL
Stampfer K. A., T. J. Tredici
American Journal of Ophthalmology, Vol 80, No. 4, Oct 1975, p. 759-763.

1975 Publications (continued)

9. EVALUATION OF POSSIBLE MICROWAVE INDUCED LENS CHANGES IN THE UNITED STATES AIR FORCE
Shacklett, D. E., T. J. Tredici, D. L. Epstein
Aviation, Space and Environ Med., Nov 1975, p. 1403-1406.
10. VISUAL PERFORMANCE THROUGH A SAMPLE WINDSHIELD SEGMENT OF THE B-1 AIRCRAFT
Provines, W. F., B. Kislín
Am J Optom & Physical Optics, Vol 52, Jan. 1975, p. 51-57.
11. CORNEAL CURVATURE CHANGES DUE TO EXPOSURE TO A CARBON DIOXIDE LASER: A PRELIMINARY REPORT
Gallagher, J. T.
SAM-TR-75-44 USAF School of Aerospace Medicine, Dec 1975.
12. METHOD FOR MEASURING THE OPTICAL COMPONENTS OF THE MONKEY EYE
Gallagher, J. T.
SAM-TR-75-35 USAF School of Aerospace Medicine, Dec 1975.

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1975 Presentations

1. ORTHOKERATOLOGY – IS IT A HELP OR HINDRANCE?
Tredici, Thomas J.
Paper Presentation in Houston Chapter of Contact Lens Society of America
4 February 1975, Houston, TX.
2. OPTHALMOLOGY AT THE USAF SCHOOL OF AEROSPACE MEDICINE
Tredici, Thomas J.
Paper Presentation in San Antonio Society of Ophthalmology and Otolaryngology
Meeting, 18 March 1975, San Antonio, TX.
3. ORTHOKERATOLOGY
Tredici, Thomas J.
Guest Lecturer of Contact Lens Society of Texas Meeting, 18-20 April 1975,
Austin TX.
4. THE OCULAR EFFECTS OF MICROWAVE
Shacklett, David E.
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Meeting, 3-6 Dec 75, Atlanta GA.
5. THE UNITED STATES AIR FORCE SCREENING AND MANAGEMENT
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6. THE AEROMEDICAL IMPLICATIONS OF OCULAR INJURIES – USAF
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7. PHOTOREACTIVE LENSES AND THE AIR FORCE FLYER
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8. USAFSAM EFFORT ON F/FB-111 WINDSHIELD OPTICAL EVALUATION FIELD TEST
Provines, W. F.
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Tredici, Thomas J., Jack G. Muckleroy

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3. CAREER DEVELOPMENT

Kislin, Benjamin

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Tredici, Thomas J.

Session Organizer, AGARD (NATO) Aerospace Medical Panel Specialist's Meeting, 3-14 April 76, Copenhagen, Denmark.

5. ELECTROPHYSIOLOGY EXPERIENCE AT USAFSAM

Burman, Mathew L.

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6. MICROPTROPIA IN FLYING PERSONNEL

Tredici, Thomas J.

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7. OPTOMETRY-OPHTHALMOLOGY TECHNICIAN TRAINING

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1976 Presentations (continued)

8. VISION WORKING GROUP #35

Tredici, Thomas J.

Host NAS Committee, 28-29 September 76, USAF School of Aerospace Medicine,
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9. GLAUCOMA AND TONOMETRY

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3. RESEARCH ON THE OCULAR EFFECTS OF LASER RADIATION
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6. IMPACT RESISTANT LENSES
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2. ORTHOKERATOLOGY
Tredici, Thomas J.
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6 March 1977.
3. FACIAL NERVE AND LACRIMAL SYSTEM
Klein, James W.
Lecture on Basic and Clinical Science Course in Neuro-Ophthalmology, UT
Health Science Center, San Antonio TX, 1-2 April 1977.
4. THE NEURO-OPHTHALMOLOGIC EXAMINATION
Tredici, Thomas J., James W. Klein
Lecture on the Society of Air Force Clinical Surgeons, Convention Center, San
Antonio TX, 18-20 April 1977.
5. VISUAL AIDS FOR THE AVIATOR AND USAF AVIATORS' SPECTACLES
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Presentation 48th Annual Scientific Meeting, Aerospace Medical Association,
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6. ELECTRO-OCULOGRAPHY: A RELATIVELY NEW TECHNIQUE FOR
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Goodson, Richard A., Thomas J. Tredici
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Tredici, Thomas J.
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10. OCULAR FINDINGS IN VIETNAM RPW'S, 1965-1973
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11. AEROMEDICAL FACTORS OF AIR COMBAT CAPABILITIES
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15. OPHTHALMOLOGIC PROBLEMS AND DISEASES IN AVIATORS (A TEN-YEAR STUDY IN COURSE FOR REFERRAL TO USAFSAM)
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3. OPTIC NERVE VARIANT IN THE KLIPPEL-TRENAUNAY-WEBER
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5. THE SHAPE OF 20/20 – A DISCUSSION OF ORTHOKERATOLOGY
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Tredici, Thomas J.
Presentation at American Academy of Ophthalmology Meeting, Kansas City, MO.
Oct 22-26, 1978.
2. OPTHALMOLOGIC PROBLEMS AND DISEASES IN AVIATORS
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Heinrick, W. D., T. J. Tredici, J. W. Klein
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4. AIR FORCE OPTOMETRY-A BRIEFING
Klein, B.
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Washington, D.C. HQ USAF 11-13 Jan 1978.
5. OPTOMETRIC EDUCATION
Provines, W. F.
Presentation at Fourth USAF Optometry Seminar, Brooks AFB, TX 10-13 Jan
1978.
6. USAF VISION PROBLEMS
Tredici, T. J.
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Tredici, T. J.
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8. AVIATION AND SPACE OPHTHALMOLOGY-PAST & PRESENT
Tredici, T. J.
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9. OCUSERT-A NEW METHOD OF PILOCARPINE TREATMENT OF
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11. OCULAR FINDINGS IN VIETNAM RPW'S, 1965-1973
Klein, J. W.
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12. THE EFFECT OF TOPICAL MYDRIACYL AND PHENYLEPHRINE ON
CARDIAC RATE AND RHYTHM
Coffman, M. R.
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13. HISTORY OF THE USAF SCHOOL OF AEROSPACE MEDICINE
Kislin, B.
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Optometry, Boston, MA 14-15 Nov 1978.
14. THE EFFECTS OF VISUAL TRAINING ON NORMAL VISION
Goodson, R. A.
Presentation at Amer. Academy of Optometry Congress, Boston, MA
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15. EYE FINDINGS IN RPWS
Tredici, T. J.
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2. THE UNITED STATES AIR FORCE SCREENING AND MANAGEMENT
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Tredici, T. J.
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3. CHIASMAL EPENDYMOMA
O'Connor P.S., J. Lawton Smith
Annals of Ophthalmology, Sept 1979.
4. A SEARCH FOR A NEW AIRCREW SPECTACLE FRAME
Kislin B, J. W. Miller, A. J. Rahe
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5. ACUTE OPTIC NEURITIS: PROGRAM FOR THE DEVELOPMENT OF
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O'Connor, P. S.
Review 4-79, December 1979.
6. OCULAR FINDINGS IN VIETNAM RPWS 1965-1973
Tredici, T. J., J. W. Klein
Poster American Academy of Ophthalmology Meeting, San Francisco, CA.
5-9 Nov 1979.
7. POLYCARBONATE VERSUS CR-39 LENSES: A FIELD STUDY
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SAM-TR-79-42, December 1979.

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1. PRESCRIPTION SUNGLASS REQUIREMENTS FOR THE ARMY, NAVY, AND AIRFORCE
Tredici, T. J. (Chairperson)
Tri-Service Optical Study Group Seminar, Brooks AFB TX, Jan 1979.
2. VISUAL STANDARDS FOR FLYING
Tredici, T. J.
Presentation at the Flying Physical Standards Meeting, Brooks AFB TX, Jan 1979.
3. BLEPHAROSPASM
O'Connor, P. S.
Lecture to Ophth. Residents, Wilford Hall USAF Med. Center, Lackland AFB TX, Jan 1979.
4. VISUAL STANDARDS FOR ENTRY INTO PILOT TRAINING IN THE USAF- PHILOSOPHY AND RECOMMENDATIONS
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Presentation at the Conference on Flying Physical Standards for the 1980s, Brooks AFB TX, April 1979.
5. MIGRAINE IS MORE THAN A HEADACHE
O'Connor, P. S.
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6. GLAUCOMA AND THE FLYER
Tredici, T. J.
Presentation USAF Clinical Surgeons Meeting, San Antonio, TX, 24 Apr. 1979.
7. SPECIFIC REQUIREMENTS FOR TESTING COLOR VISION IN RELATION TO SEA AND AIR TRANSPORTATION SYSTEMS
Tredici, T. J.
Presentation at Symposium on Applied Problems in Vision, National Research Council, Nat. Academy of Sciences, Washington D.C., 8-10 May 1979.

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8. RESEARCH NEEDS RELATING TO AIRCREW VISUAL REQUIREMENTS,
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Tredici, T. J.
Presentation at the Workshop on Research Needs Relating to Aircrew Visual Stds
National Research Council, Washington D.C., 11 May 1979.
9. SIXTY YEARS OF AEROSPACE OPHTHALMOLOGY
Tredici, T. J.
Exhibit at Aerospace Medical Assn 50th Anniversary, Washington D.C.,
13-17 May 1979.
10. NEURO-OPHTHALMOLOGICAL PROBLEMS AND DISEASES IN USAF
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Presentation at the Aerospace Medical Assn 50th Anniversary Meeting,
Washington D.C., May 1979.
11. THE EFFECT OF HYPERBARIC OXYGEN ON VISION
Tredici, T. J.
Presentation at the Aerospace Medical Assn Meeting, Washington D.C., 13-17
May 1979.
12. THE PUPIL, C. MILLER FISHER SYNDROME
O'Connor, P. S.
Lecture to Staff Wilford Hall USAF Medical Center, Lackland AFB TX
10 July 1979.
13. DOMINANT OPTIC NERVE ATROPHY
O'Connor, P. S.
Presentation at Univ of Texas Grand Rounds, Univ of Texas HS Center, San
Antonio, TX July 1979.
14. SIXTY YEARS OF AEROSPACE OPHTHALMOLOGY (EXHIBIT)
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Presentation at the Assn of Military Surgeons Meeting, San Diego, CA, 2-6 Oct
1979.
15. OCULAR FINDINGS IN RPWS
Tredici, T. J.
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Nov 1979.
16. AEROSPACE OPHTHALMOLOGY, 1918-1979
Tredici, T. J.
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Presentation at Continuing Education Program of the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO), San Francisco, CA, 1-3 Nov 1979.

18. AIR-TO-AIR TARGET ACQUISITION

Goodson, R. A.

Presentation at American Academy of Optometry Anaheim, CA, 6-11 Dec 1979.

19. AIR-TO-AIR TARGET ACQUISITION

Goodson, R. A.

Presentation at the Tri-Service Aeromedical Research Coordinating Panel (TARP) NAMRL, Pensacola, FL, 12-13 Dec 1979.

20. AIRCRAFT GLARE-SHIELD

Woessner, W. M.

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Ophthalmology Branch Final Report, USAFSAM Brooks AFB TX, May 1980.
2. CHOROIDAL OSTEOMA A NEW CLINICOPATHOLOGIC SYNDROME
O'Connor, P. S.
Neuro-Ophthalmology Focus, 1980.
3. VISUAL ACUITY AND AIR-TO-AIR TARGET ACQUISITION
Goodson, R. A.
Ophthalmology Branch Final Report, USAFSAM Brooks AFB TX, Sept 1980.
4. AIR-TO-AIR TARGET ACQUISITION: FACTORS AND MEANS OF IMPROVEMENT
Costanya, E. B., S. R. Stacey, H. L. Snyder
SAM-TR-80-9 Virginia Polytechnic Institute, Blacksburg, VA, March 1980.
5. THE EFFECT OF TOPICAL MYDRIACYL AND PHENYLEPHRINE ON CARDIAC RATE AND RHYTHM
Coffman M. R., J. W. Klein, T. J. Tredici
Annals of Ophthalmology, Vol 12, No. 3, March 1980.
6. MILES DEVICE: OCULAR HAZARD EVALUATION
Zuclich J. A., T. J. Tredici, G. W. Moksell, W. D. Gibbons, R. E. Schindt
SAM-TR-80-2, March 1980.
7. VISUAL ILLUSIONS AS A PROBABLE CAUSE OF AIRCRAFT ACCIDENTS
Tredici, T. J.
AGARD Conference Proceedings, No. 287, Bodo, Norway, May 1980.
8. SCREENING AND MANAGEMENT OF GLAUCOMA IN FLYING PERSONNEL
Tredici, T. J.
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9. IMPACT VULNERABILITY OF DRILLED CR-39 LENSES

Provines, W. F., J. W. Miller, T. J. Tredici

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10. VISUAL AND CLINICAL CONSIDERATIONS

Tredici, T. J.

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11. TRAINING FOR AIR-TO-AIR TARGET ACQUISITION

Goodson, R. A.

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Tredici, Thomas J.
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2. NEW CONCEPTS IN VISION CORRECTION FOR FLYERS
Tredici, Thomas J.
Briefing to Commandant, RAF Institute of Aviation Medicine USAF School of Aerospace Medicine, Brooks AFB TX, 16 Jan 1980.
3. NEURO-OPHTHALMOLOGY
O'Connor, Patrick S
Briefing, Ophthalmology Residents, University of Texas Health Science Center, San Antonio TX, Jan 1980.
4. PROJECTED OPHTHALMOLOGICAL/VISUAL PROGRAMS FOR THE IDENTIFICATION, SELECTION AND MAINTENANCE OF VISUALLY SUPERIOR PILOTS
Tredici, Thomas J.
Presentation, Aerospace Medicine Division, Brooks AFB TX, Feb 1980.
5. MANAGEMENT OF OPHTHALMIC CASUALTIES IN SOUTHEAST ASIA
Tredici, Thomas J.
28th Annual Symposium of the Society of Air Force Clinical Surgeons, Colorado Springs CO, 14-16 April 1980.
6. AEROSPACE OPHTHALMOLOGY, 60 YEARS
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Scientific Exhibit, Aerospace Medicine Association Meeting, Anaheim CA, 12-15 May 1980.
7. VISUAL ILLUSIONS AND AIRCRAFT ACCIDENTS
Tredici, Thomas J.
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8. NEURO-OPHTHALMOLOGY

O'Connor, Patrick S.

Presentation, Fourth Annual Meeting of the Christian Ophthalmological Society,
Williamsburg VA, 28 Jun 1980.

9. EXTRAOCULAR MUSCLE INVOLVEMENT IN PERRY ROMBERG
SYNDROME

O'Connor, Patrick J.

Residents Day, Bascom Palmer Eye Institute, Miami FL, Jun 1980.

10. BIETTI'S CRYSTALLINE DYSTROPHY OF THE RETINA: REPORT OF A
FAMILY

O'Connor, Patrick S.

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11. ACEPHALGIC MIGRAINE—15 YEAR'S EXPERIENCE

O'Connor, P. S. T. J. Tredici

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