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FINDING AID TO THE WILLIAM P. DUNCAN PAPERS, 1951-1994

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Descriptive Summary

Creator Information	Duncan, William P., 1933-2013
Title	William P. Duncan papers
Collection Identifier	MSF 500
Date Span	1951-1994, predominant 1951-1959
Abstract	The William P. Duncan papers document his undergraduate education at the University of Illinois Institute of Aviation and graduate school work at Purdue University in the School of Education. Also included are papers from his early years as a Purdue University instructor in the Aviation Technician Program, along with a Purdue Aeronautics Corporation maintenance manual and the revisions it went through from 1956-1958.
Extent	2.35 cubic feet (4 mss. boxes, 1 small flat box)
Finding Aid Author	Mary A. Sego, 2016
Languages	English
Repository	Virginia Kelly Karnes Archives and Special Collections Research Center, Purdue University Libraries

Administrative Information

Location Information:	ASC-R
Access Restrictions:	Collection is open for research.
Acquisition Information:	Purchase 2013
Accession Number:	20130209
Preferred Citation:	MSF 500, William P. Duncan papers, Karnes Archives and Special Collections, Purdue University Libraries
Copyright	Heirs of William P. Duncan

Notice:

**Related
Materials
Information:**

Purdue University Department of Aviation Technology records:

<https://apps.lib.purdue.edu/archon/index.php?p=collections/controlcard&id=1754&q=aviation+technology>

James R. Maris papers:

<https://apps.lib.purdue.edu/archon/index.php?p=collections/controlcard&id=1613&q=maris>

Subjects and Genres

Persons

Duncan, William P., 1933-2013

Brown, Willis C.

Organizations

Purdue University. Department of Aviation Technology

University of Illinois Institute of Aviation

Flight Archives at Purdue University

Topics

Purdue University--Faculty

Purdue University. Department of Aviation Technology

Purdue University. College of Education

Education--Tests and measurements.

Aviation mechanics (Persons)--United States

Form and Genre Types

Coursework

Educational tests and measurements

Exams

Lecture notes

Manuals

Notebooks

Papers

Photographs

Reports

Syllabi

Occupations

Professor

Aviation mechanics

Biography of William P. Duncan

Born on August 13, 1933 in Palestine, IL, he was the son of the late Fay and Irma Duncan. He graduated from Robinson (Illinois) High School and the University of Illinois. Duncan's love of aviation brought him to Purdue University in 1957 where he taught aviation technology, and in 1981 he became the head of Purdue's Aviation Technology Department.

Source:

Obituary, Lafayette Journal and Courier

Collection Description

Scope

The William P. Duncan papers (1951-1994; 2.35 cubic feet) document his undergraduate education at the University of Illinois Institute of Aviation and his graduate school work at Purdue University in the School of Education. Also included are papers from his early years as a Purdue University instructor in the Aviation Technician Program, Technical Institutes, Division of Technical Extension, along with the Purdue Aeronautics Corporation maintenance manual and the revisions it went through from 1956-1958.

Duncan later served as the Head of Purdue's Aviation Technology Department, but those papers are not represented here. Types of materials include: coursework, educational tests and measurements, exams, lecture notes, manuals, notebooks, papers, photographs, reports, and syllabi.

The papers are organized into 2 series.

Arrangement

1. Education, circa 1952-1960 (0.6 cubic feet). This subseries consists of 5 course workbooks from Duncan's undergraduate studies at the University of Illinois Institute of Aviation, along with his "United States of America Department of Commerce, Civil Aeronautics Administration school graduation certificate in Aircraft Maintenance." Also included are lecture notes, exams, notebooks, papers, reports, and syllabi from Education courses Duncan took at Purdue University. The Education 504 material contains various tests and measurements used during the 1950s.

2. Purdue University Employment, 1951-1994 (1.75 cubic feet). Within this subseries is Duncan's first teaching contract as a Purdue University "Instructor in Aviation Technician Program, Technical Institutes, Division of Technical Extension." Also found here are some of the earliest papers from his employment at Purdue, and include departmental course outlines and exams prepared by James Maris, a helicopter course proposal, and guidelines for a proposed Airway Science curriculum. There are a few papers and correspondence from Duncan's work with the University of Illinois Institute of Aviation Alumni Association, and Purdue Department Head's Council.

One box in this series contains the Purdue Aeronautics Corporation maintenance manual, and all of the revisions from 1956-1958. The last box holds several miscellaneous items such as photographs, an Association for Avionics Education Conference Proceedings, and a Cooperative School and College Ability Test that were separated out for preservation purposes.

Descriptive Rules

Describing Archives: A Content Standard

Processing Information

All materials have been housed in polyester sleeves, acid-free folders, and acid-free boxes. Series 1. Education is grouped chronologically, but the material within each folder was left in original order. The Series 2. Purdue University Employment folders are in original order. Some of the papers have foxing residue.

DETAILED DESCRIPTION OF THE COLLECTION

Series 1. Education, circa 1952-1960

(0.6 cubic feet)

Box 1 *Coursework, University of Illinois and Purdue University, circa 1952-1959*

Folder

1. Workbook, University of Illinois, Institute of Aviation, Aircraft Woodworking, undated
2. Workbook, University of Illinois, Institute of Aviation, Aircraft Sheetmetal, undated
3. Workbook, University of Illinois, Institute of Aviation, Aircraft Sheetmetal, undated (2nd sheetmetal workbook)
4. Workbook, University of Illinois, Institute of Aviation, Hydraulics, undated
5. Workbook, University of Illinois, Institute of Aviation, AVI. 160, Rigging and Assembly, undated
6. School Graduation Certificate, United States of America, Department of Commerce, Civil Aeronautics Administration, Aircraft Maintenance, University of Illinois, Institute of Aviation, June 8, 1956
7. "Graduate School," various registration documents as a "Temporary Graduate Student," at Purdue, 1957-1960
8. Purdue University Division of Education, documents for graduate school, circa 1957
9. Education 468 – Trade and Occupational Analysis, "Suggested Topics for a Trade Analysis Chart," circa 1957
10. Education 469 – Organization of Instruction Materials for Trades and Industries, syllabus, circa 1957
11. Purdue notebooks, Education 500 and Education 504 – Introduction to Measurement and Evaluation, measurement tests and paperwork from ED 504, 1958
12. Paper, "Critical Analysis of the Case of Brad," by William Duncan, circa 1958 ("Best paper I read, A" on front)
13. Education 512, Class Roll, fall semester, 1959

Box 2 *Coursework, Purdue University, circa 1959*

Folder

1. Education 530, Advanced Educational Psychology, syllabus and exam, circa 1959
2. Documents, papers, and brochures, Purdue University Industrial Education Curriculum, Education 566, circa 1959
3. Education 568 – Sources of Free and Inexpensive Instructional Materials, paper and documents, Summer 1959
4. Education 576 – Cooperative Education Programs, paper, November 23,

- 1959
5. Education 600 – History and Philosophy of Education, Purdue notebook, and exam, circa 1959
6. Papers, notes, and documents, Education 630 – Administration of Vocational and Secondary Schools, circa 1959
7. Cooperative Education papers, undated

Series 2. Purdue University Employment, 1951-1994

(1.75 cubic feet)

Box 3 *Teaching Material, Aviation Technician Program, Technical Institutes, Division of Technical Extension, and Miscellaneous Material, 1957-1993*

Folder

1. Teaching contract, Purdue University Instructor in Aviation Technician Program, Technical Institutes, Division of Technical Extension, September 1, 1957-June 30, 1959
2. Employment and benefits information, 1958-1959
3. "Course Outlines," Purdue University Division of Technical Institutes, prepared by Jim Maris (focus on AM 264 – Airframe Lectures), circa 1958-1959
4. "Tests," Purdue University Division of Technical Institutes, circa 1958-1959
5. Various exams, Purdue University Division of Technical Institutes, circa 1958-1959
6. "Sheetmetal Charts," quizzes, and AM 156 – Aircraft Fabrication, Course Outline, circa 1958-1959
7. "Helicopter Course Proposal, Robinson R-22," 1980
8. "Guidelines for a Proposed Airway Science Curriculum," July 16, 1982, Revised May 18, 1983
9. Correspondence and by-laws, Institute of Aviation Alumni Association, constituent association of University of Illinois Alumni Association, board meeting information, July 28, 1982
10. "Department Head's Council," 1983-1984
11. Purdue University *Benefits Bulletin*, 1991, and Purdue Health Plan Options for 1993

Box 4 *Purdue Aeronautics Corporation Maintenance Manual, circa 1956-1958*

Folder

1. Purdue Aeronautics Corporation, Maintenance Manual Transmittal, circa 1956-1957 (folder 1 of 6)
2. Purdue Aeronautics Corporation, Maintenance Manual Transmittal, circa 1957-1958 (folder 2 of 6)
3. Purdue Aeronautics Corporation, Maintenance Manual Transmittal, circa

- 1957-1958 (folder 3 of 6)
- 4. Purdue Aeronautics Corporation, Maintenance Manual Transmittal, circa 1957-1958 (folder 4 of 6)
- 5. Purdue Aeronautics Corporation, Maintenance Manual Transmittal, circa 1957-1958 (folder 5 of 6)
- 6. Purdue Aeronautics Corporation, Maintenance Manual Transmittal, circa 1957-1958 (folder 6 of 6)

Box 5 Specimen Materials for Cooperative School and College Ability Tests, circa 1951; Aviation Technician Education Council Photograph, 1985; Binder from Association for Avionics Education, Inc., Conference, 1994; and Photograph of Purdue Airport, undated

Item

- 1. Specimen Materials for Cooperative School and College Ability Tests, circa 1951
- 2. Photograph in Purdue University holder, 25th Annual ATEC (Aviation Technician Education Council) Conference, Purdue University, April 9-10, 1985 (8" x 10", b&w, photo of participants)
- 3. Binder, AAE (Association for Avionics Education, Inc.), 1994 Conference, Purdue University, October 20, 21, & 22, 1994
- 4. Photograph of Purdue Airport, 5 ½" x 9", b&w, undated

Box 6 *Aviation Education Materials and Photo Album that were with Duncan's Papers, 1954*

Item

- 1. Letter from Willis C. Brown, Specialist for Aviation Education, Division of State and Local School Systems, along with sample of printed materials from his files, 1954
- 2. Photo album found among papers, undated (individuals unidentified, except for "Dr. and Mrs. Collins," and a few others, some water damage to pages)