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INDEX TO U.S. ARMY AIR CORPS
INFORMATION CIRCULARS

PART I: HEAVIER-THAN-AIR CIRCULARS NO.1-715
PART II: LIGHTER-THAN AIR CIRCULARS NO. 1-157



ENGINEERING DIVISION
AIR SERVICE
MCCOOK FIELD, OH

OCTOBER 1997

FINAL REPORT FOR 01/01/19-12/01/39

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WRIGHT LABORATORY
AIR FORCE MATERIEL COMMAND
WRIGHT PATTERSON AFB OH 45433-7523

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is exhausted, see Numerical Lists, pages 29 to 45 inclusive;
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| *160. | Technical Orders No. 18. (File 629.13/un3as.) |
| 161. | Technical Orders No. 19. (File 629.13/un3as.) |
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| #273. | Report on Standard Test of Mosler Spark Plugs, Model M-1. (D52.413/Spark Plug/52.) |
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| #296. | Performance Estimate of Huff-Daland Biplane Training Plane, Equipped with 170-H. P. A. B. C., Wasp "7" Engine. Estimated by means of "Airplane Performances and Design Charts" as Outlined in Air Service Information Circular, Vol. II, No. 183. (D52.1/Huff-Daland/4.) |
| #297. | Investigation of Dip Brazing with High Melting Point Brass. (D10.16/3.) |
| 298. | Investigation of Some Solders for Aluminum. Part I. (D10.13/68.) |
| #299. | Cooling System Test of LePere P-70 Equipped with Side Radiators. (D52.1/LePere/30.) |
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| 303. | Addendum to Information Circular, Vol. IV, No. 303, Discussion of Airplane Tires and Wheels (Material Section Report). (File D52.56/17/Addendum.) |
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| #309. | Test to Improve Fuel-Consumption Characteristics of the Stromberg Type NA-D6 Carburetor on the 300-H. P. Hispano-Suiza Engine (Power Plant Section Report). (File D52.41/Hispano-Suiza/102.) |
| #310. | Performance Test of Fokker D-VII Equipped with Packard 1237 Engine (Performance Test Report No. 69). (File D52.1/Fokker/58.) |
| 311. | The Determination of a Carburetor Setting for the Liberty Engine for Dirigible Use (Power Plant Section Report). (File D52.41/Liberty/222.) |
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| 313. | Reinforced Ply-Wood Web Spars (Airplane Section, S. & A. Branch). (File D52.331/37.) |
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| 315. | Determination of the Best Wing Loading for Single-Seater Pursuit Airplanes (Airplane Section, S. & A. Branch). (File D52.15/156.) |
| 316. | Test of Weston Model 44 Electrical Tachometer. (D13.3 Tachometer/12.) |
| 317. | Method for Estimating Power and Fuel Consumption of Normal Compression Aviation Engines in Flight at Various Altitudes (Power Plant Section Report). (File D52.45/82.) |

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| 317. | Changes No. 3.—Method for Estimating Power and Fuel Consumption of Normal Compression Aviation Engines in Flight at Various Altitudes. (File D52.45/82.) |
| 318. | Effect on Variation in Load Factor on Structural Weight of Wings (Airplane Section, S. & A. Branch). (File D52.33/200.) |
| #319. | Report on the Elimination of Detonation with "Aviation" and "Motor" Gasoline by the Addition of Xylidine, Ortho-Toluidine, Benzol, and General Motors Anti-Knock No. 1 (Power Plant Section Report). (File D11.3/26.) |
| 320. | Determination of Water in Gasoline as Received, Exposed to Atmosphere, to Humid Atmosphere, and Saturated with Water (Material Section Report No. 156). (File D11.31/49.) |
| #321. | Report of Wind Tunnel Test of Corps Observation CO-1 Model (Airplane Section, S. & A. Branch). (File D52.1/373.) |
| #322. | Report of Static Test of Ski for an SE-5 Airplane (Airplane Section, S. & A. Branch). (File D52.1/S. E. 5/46.) |
| #323. | Report on Airplane Radio Receiving Set, Type SCR-59, Remodeled (Equipment Section Test Report). (File D13.411/57.) |
| #324. | Fifty-hour Endurance Test of Rausie E-6 Aviation Engine (Power Plant Section Report). (File D52.41/Rausie/3.) |
| #325. | Standard Engine Report of Aeromarine Model U-8-D Aviation Engine Rated at 180 Horsepower at 1,750 Revolutions Per Minute (Power Plant Section Report). (File D52.41/Aeromarine/3.) |
| #326. | Fifty-hour Endurance Run of Model W-1 Engine (First Experimental Model) (Power Plant Section Report). (File D52.41/W-1/2.) |
| 327. | Comparative Performance Test of X. B. I.-A Equipped with High Compression Wright Model "H" and Packard 1237 Engines (Performance Test Report No. 67). (File D52.1/371.) |
| 328. | Report of Wind Tunnel Tests on Aerofoils; Dayton-Wright Nos. TT-1 and TT-2, Dayton-Wright Nos. 5 and 6, and Gottingen No. 387 (Airplane Section, S. & A. Branch). (File D52.338/31.) |
| 329. | Standard Engine Report on Curtiss Model C-6 Aviation Engine Rated at 160 Horsepower at 1,750 Revolutions Per Minute (Power Plant Section Report). (File D52.41/Curtiss/23.) |
| 330. | Standard Engine Report on Curtiss 12-Cylinder Model C-12, Geared Aviation Engine, Rated at 400 H. P. at 2,250 Revolutions Per Minute (Engine Speed) (Power Plant Section Report). (File D52.41/Curtiss/24.) |
| 331. | Not Printed. |
| 332. | Study of Stress Analysis of the JL-6 (Airplane Section, S. & A. Branch). (File D52.1/J. L. 6/7.) |
| 333. | Report of Test of 300-H. P. Hispano-Suiza Model H Engine Fitted with Pistons Which Give a 6.5:1 Compression Ratio. (D52.41 Hispano-Suiza/103.) |
| 334. | Report on Wind Tunnel Test of U. S. A.-27-C Modified Airfoil (Airplane Section, S. & A. Branch). (File D52.338/33.) |
| #335. | Investigation of Forged and Cast Brass (Material Section Report No. 158). (File D10.16/5.) |
| 336. | Effect of Fuel Head at Carburetor, on Brake Horsepower and Brake Specific Fuel Consumption (Power Plant Section Report). (File D11.31/50.) |
| 337. | The Economical use of Duralumin as a Substitute for Steel in Compression (Airplane Section, S. & A. Branch). (File D10.13/69.) |
| #338. | Report of Static Test of XB-1-A Fuselage (Airplane Section, S. & A. Branch). (File D52.1/U. S. B. 1.A/5.) |
| 339. | Temperature Effect on Capillaries of Liquid and Vapor Pressure Thermometers (Equipment Section Test Report). (File D13.3/Thermometers/10.) |
| 340. | Statistics Compiled from Reports on Crashes in the U. S. Army Air Service During the Calendar Years 1918-1921, Inclusive, and Results of Physical Examinations for Flying During the Calendar Years 1920 and 1921. (File B70/102.) |
| 341. | Description of McCook Field 5-Foot Wind Tunnel (Airplane Section, S. & A. Branch). (File F78/59.) |
| 342. | Report of Test of Davis 3-Inch Nonrecoil Cannon Mounted in Martin Bomber (Armament Section Report). (File D72.1/Davis/2.) |
| 343. | Not Printed. |
| #344. | Report on the Performance of the Wright Model H-2 "Superfighter" Engine (Power Plant Section Report). (File D52.41/Wright/2.) |
| #345. | Report on Blower Used in Tests of Air-Cooled Cylinders (Power Plant Section Report). (File D52.419/103.) |
| 346. | Fuel Consumption Test of DH-4B with Liberty "12" Engine (Flight Test Report No. 77). (File D52.1/DH-4/125.) |

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352.	Performance Test of Navy Vought Type XV Equipped with Wright Model E-2 Engine (Performance Test Report No. 73). (File D52.1/Vought/3.)
353.	Reserve Bending Strength of Struts (Airplane Section, S. & A. Branch). (File D52.333/67.)
354.	Variation in Performance of a Hispano-Suiza (Model E) Engine with Degree of Throttle Opening (Power Plant Section Report). (File D52.41/Hispano-Suiza/106.)
355.	Report of Wind-Tunnel Test of DH-4B Model (Airplane Section, S. & A. Branch). (File D52.1/DH4/126.)
*356.	Variation in Volumetric Efficiency of an Engine with Valve Lift (Power Plant Section Report). (File D52.41/124.)
357.	Report on Test of Bijur Ignition End Starter for Airplane Engines (Equipment Section Report). (File D52.415/29.)
#358.	Static Test of the Loening PA-1 Single-Seater Pursuit Airplane (Airplane Section, S. & A. Branch). (File D52.1/Loening/12.)
#358.	Addendum to Information Circular, Vol. IV, No. 358, Static Test of the Loening PA-1 Single-Seater Pursuit Airplane (Airplane Section, S. & A. Branch). (File D52.1/Loening/12/Addendum.)
*359.	Air Medical Service. (File B63/16.)
#360.	Report of Static Test of the Junker L-6 Monoplane (Airplane Section, S. & A. Branch). (File D52.1/J. L. 6/8.)
361.	Carburetion, Heat Rejection, and Weight Data of U. S. Model W-1 Engine (Power Plant Section). (File D52.41/W-1/3.)
#362.	Static Test of Thomas-Morse MB-6 Airplane (Airplane Section, S. & A. Branch). (File D52.1/Thomas-Morse/31.)
363.	Heat Treating Bath Composed of Sodium Chloride, Sodium Carbonate, and Sodium Cyanide (Material Section Report No. 166). (File D50.1/7.)
364.	Adaptability of the Hyde Welding Process to Steel Engine Cylinder Construction (Material Section Report No. 165). (File D00.57/2.)
#365.	Static Test of the Aeromarine PG-1 Airplane (Airplane Section, S. & A. Branch). (File D52.1/Aeromarine PG-1.)
366.	Emergency Landings From Low Altitudes—Minimum Altitude Required to Turn Back into Field in Case of Engine Failure After Take-Off (Flying Section Report No. 83). (File C71.6/152.)
367.	Wind Tunnel Test of the Junker L-6 Monoplane (Airplane Section, S. & A. Branch). (File D52.1/Junker 6/10.)
368.	Tests of Back-Suction and Air-Bleed Type Mixture Controls in Flight (Power Plant Section Report). (File D52.411/32.)
#369.	The Bellows (Sylphon) Fuel Pump for Liberty "12" and Wright Model "H" Engines (Supersedes Report of April 28, 1921, Entitled "The Sylphon Fuel Pump," and Published in Information Circular No. 281). (Power Plant Section Report.) (File D52.46/28.)
#370.	Test of a Zenith Carburetor, Model U. S. 52 Fitted with "Plain Tube" and Britton Type Discharge Nozzles (Power Plant Section Report). (File D52.411/Zenith/24.)
371.	The Physical Properties of Manganese-Bronze (Material Section Report No. 175). (File D10.16/6.)
372.	Flight Test of Anti-Knock Injector (Power Plant Section Report). (File D52.419/106.)
373.	Test of Curtiss Eight-Cylinder Model OX-5 Engine Rated at 90 Horsepower at 1,400 Revolutions Per Minute (Power Plant Section Report). (File D52.41/Curtiss/27.)
*374.	Interior Corrosion of Steel Struts and its Prevention (Material Section Report No. 172). (File D11.2/27.)
375.	Curves for Estimating the Fuel Consumption of An Aviation Engine on the Basis of Piston Displacement and Revolutions per Minute (Power Plant Section Report). (File D11.3/27.)
376.	Methods of Making Aluminum Bronze Castings (Material Section Report No. 174). (File D10.16/7.)
377.	Technical Orders No. 27. (File 629.13/un3as.)
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379.	Technical Bulletin (Formerly Technical Orders) No. 29. (File 629.13/un3as.)
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- 383. The Effect of Doped Fuels on the Fuel System, Part II (Material Section Report No. 173). (File D52.416/9/.Pt. II.)
 - *384. Effect of Climate on Standard Airplane-Wing Coverings (Material Section Report No. 177). (File D24.31/46.)
 - #385. Investigation of Copper-Silicon-Aluminum Alloys with and Without Manganese (Material Section Report No. 178). (File D10.1/80.)
 - 386. Performance Test of U. S. Mail DH-M2 (Performance Test Report No. 89). (File D52.1/D. H. M. 2/2.)
 - *387. Airplane Wing Fittings (Airplane Section, S. & A. Branch). (File D52.33/208.)
 - #388. Static Test of the Dayton-Wright TA-3 Airplane (Airplane Section, S. & A. Branch). (File D52.1/Dayton-Wright/2.)
 - #389. Pyrotechnic Projector and Ammunition Submitted By the Ordnance Department for Test (Armament Section Report). (File D70/64.)
 - 390. Sediment Deposit in Carburetors (Material Section Report No. 183). (File D52.411/34.)
 - 391. Report of Inspection Trip to France, Italy, Germany, Holland, and England, made during the Winter of 1921-1922, Technical Supplement. (File A10/166.)
 - 392. Modified Mark I Airplane Flare (Armament Section Report). (File D13.47/21.)
 - #393. Physical and Metallographic Properties of Copper-Zinc-Aluminum Alloys Containing Small Amounts of Magnesium (Material Section Report). (File D10.1/82.)
 - 394. The Distribution of Load Among the Spars in Multi-Spar Construction of Airplane Wings (Airplane Section Report). (File D52.331/40.)
 - *395. Comparison of Column Formulas (Airplane Section Report). (File A10.23/177.)
 - #396. Test of Machine-Gun Synchronizer Type C-8 (Armament Section Report). (File D72.13/49.)
 - 397. Bamberg Speed-Measuring Station (Equipment Section Report). (File D13.3/89.)
 - 398. Fuel Consumption During Climb—DH-4B with Liberty 12-A Engine and Form "D" Supercharger (Power Plant Section Report). (File D52.1/D.H.4/129.)
 - 399. Test of Supercharger Air Coolers (Power Plant Section Report). (File D52.414/72.)
 - 400. Index to Information Circulars 301-400. (Superseded by No. 677.)
 - 401. Investigation of the Effects on Cylinder Performance of Variation of Position and Number of Spark Plugs. (D52.417/13.)
 - *402. Aircraft Development Since the Armistice. (A10/169.)
 - 403. Air Medical Service. (B63/7.)
 - 404. Airways and Landing Facilities. (F10.3/53.)
 - 405. Description of Carburetor Test Chamber and Method of Making Computations. (D52.411/35.)
 - #406. Static Test of the Fokker PW-5, Type I, Airplane. (D52.1/Fokker/68.)
 - #407. Performance Test of Huff-Daland TA-2, Equipped with Curtiss OX-5 Engine. (D52.1/Huff-Daland/8.)
 - 408. Investigation of the Heat Treatment of Sand-Cast Duralumin. (D10.13/79.)
 - 409. Impact Test of a JN-4 Tail Skid and Landing Chassis. (D52.1/Curtiss JN-4/35.)
 - #410. Cooling System Flight Test of TW-1 Airplane. (D52.1/TW1/2.)
 - #411. Performance Test of Huff-Daland TA-2, Equipped with Lawrance "R" Engine. (D52.1/Huff-Daland/9.)
 - #412. Performance Test of G. Elias TA-1, Type XIV, Equipped with Lawrance R-9 Engine. (D52.1/G. Elias/2.)
 - #413. Performance Test of Fokker D-IX, PW-6, Equipped with Wright H-2 Engine. (D52.1/Fokker/67.)
 - #414. Performance Test of Fokker TW-4, Equipped with Curtiss OX-5 Engine. (D52.1/Fokker/66.)
 - 415. Performance Test of Fokker CO-4, Equipped with Liberty "12" Engine. (D52.1/Fokker/65.)
 - #416. Performance Test of Loening PW-2A, Equipped with Wright "H" 300-horsepower Engine. (D52.1/Loening/14.)
 - #417. Static Test of the Gallaudet PW-4, Type I, Airplane. (D52.1/Gallaudet/3.)
 - *418. A Study of Controllability, Angular Velocity, and Dynamic Stability of an Airplane about the Axis of Pitch. (A10.23/135.)
 - 419. The Pressure Distribution over the Stabilizer of the Vought VE-7 Airplane. (D52.1/Vought VE-7/23.)
 - 420. An Investigation of the Structural Strength of the T-2 Transport, A. S. No. 64233. (D52.1/T2/3.)
 - 421. Standard Method of Engine Calculations. (D00.11/29.)
 - 422. Test to Determine Minimum Fuel Head to Operate Liberty "12" Engine on Propeller Load. (D52.41/Liberty/244.)
 - 423. Comparative Mathematical Analysis of the Stresses Occurring in the Cam-Shaft Drive Gears of the Liberty "12" and the Packard "2025" Engines. (D52.41/128.)
 - #424. Static Test of Martin Bomber Elevator Controls. (D52.1/Martin/34.)
 - 425. Technical Bulletin No. 32. (File 629.13/un3as.)
 - 426. Technical Bulletin No. 33. (File 629.13/un3as.)

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| 430. | Technical Bulletin No. 37. (File 629.13/un3as.) |
| 431. | Technical Bulletin No. 38. (File 629.13/un3as.) |
| 432. | Technical Bulletin No. 39. (File 629.13/un3as.) |
| 433. | Performance Test of Loening PW-2-B, Type I, Equipped with Packard 1237 High-Compression Engine. (D52.1/Loening/17.) |
| 434. | Performance Test on Loening PW-2, Type I, Equipped with Wright 300 H. P. Engine. (D52.1/Loening/18.) |
| 435. | Performance Test of N. B. S.-1 (Curtiss), Equipped with Two 400 Liberty "12" Engines. (D52.1/Curtiss NBS1/1.) |
| 436. | Design Characteristics for Most Suitable Pursuit Airplanes. (D52.1/434.) |
| #437. | Static Test of the Cox-Klemin TW-2 Training Airplane, A. S. No. 68540. (D52.1/Cox-Klemin/1.) |
| *438. | The Effect of Eccentricities on Stresses in Airplane Spars. (D52.331/41.) |
| 439. | The De Bothezat Barograph, Type "A." (D13.3/Barograph/3.) |
| 440. | Design of Internally Braced Biplane Wings. (D52.33/217.) |
| #441. | Performance Test of Dayton Wright TA-3, Type XIV, Equipped with 80 LeRhône, Model "C." (D52.1/Dayton-Wright/3.) |
| 442. | Development of Stromberg, Inverted Type Model NA-L5 Carburetors. (D52.411/Stromberg/7.) |
| 443. | The Strength of Wing Ribs. (D52.332/23.) |
| 444. | Report on Gliders. (D52.19/29.) |
| 445. | Physical Properties of Chrome-Molybdenum Steel Tubing. (D10.1/93.) |
| *446. | Nomographic Column Charts. (D52.16/31.) |
| 447. | Stress Analysis of the Model W-1 Engine. (D52.41/W-1/4.) |
| #448. | Investigation of the Z-D Process for Treatment of Light Alloys to Inhibit Corrosion, to Minimize Porosity, and to Effect Desired Physical Properties. (D10.1/105.) |
| #449. | Metallography of Sand Cast Aluminum Alloys. (D10.13/88.) |
| 450. | Alcohol-Gasoline Mixtures. (D11.31/58.) |
| 451. | Comparison Tests of Storage Preparations for Aviation Engine Storage of Less than Six Months. (D11.2/41.) |
| #452. | Performance Test on Engineering Division CO-5 Airplane Equipped with Liberty "12" Engine. (D52.1/CO-5/1.) |
| 453. | Wind Tunnel Test of CO-2A Model Airplane. (D52.1/CO2/2.) |
| #454. | Aileron Effectiveness. (D52.338/81.) |
| #455. | Wind Tunnel Test of the Original TA-4 with the Following Airfoils: USA-27C Large; USA-27C Small; Gottingen 387; Gottingen 255. (D52.1/TA-4/2.) |
| #455. | Appendix.—Appendix to Air Service Information Circular Vol. V, No. 455. Wind Tunnel Test of the Original TA-4 with the Following Airfoils: USA-27C Large; USA-27C Small; Gottingen 387; Gottingen 255. (D52.1/TA4/2/Appendix.) |
| 456. | Performance Test on Fokker CO-4, Equipped with Liberty "12" Engine and Side Radiators. (D52.1/Fokker/76.) |
| 457. | Performance Test on Fokker CO-4, Equipped with Liberty "12" Engine and Nose Radiators. (D52.1/Fokker/75.) |
| 458. | The Bellows (Sylphon) Fuel Pump for Liberty "12" and Wright "H" Engines. (D52.46/28.) |
| #459. | Index Air Service Orders and Circulars January 1, 1919, to December 31, 1923. (C13/109.) Superseded by Circular 5-1 OCAS, May 16, 1924. |
| 460. | Performance Test of Boeing Pursuit, Type I, Equipped with Curtiss D-12 Engine. (D52.1/Boeing/3.) |
| 461. | Economy Test of the DH-4. (D52.1/DH4/135.) |
| 462. | Air Medical Service. (B63/23.) |
| #463. | Wind Tunnel Test of the A-1 (Ambulance) Airplane. (D52.1/A1/1.) |
| 464. | Engine Driven Gear Fuel Pumps Type "C." (D52.46/39.) |
| 465. | Analysis of Some United States Gasolines. (D11.31/59.) |
| 466. | Static Test of the Boeing (PW-9) Pursuit Airplane. (D52.1/PW9/1.) |
| 467. | Wind Tunnel Test of the DB-1 Revised Airplane Model. (D52.1/DB1/1.) |
| 468. | Wind Tunnel Test of the Thomas-Morse MB-3 Airplane. (D52.1/Thomas-Morse/37.) |
| *469. | Catalogue of Motion-Picture Films and Lantern Slides. (D13.511/5 Rev.) |
| *470. | Column, Crushing, and Torsional Strength of Duralumin Tubing. (D52.313/20.) |

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- *471. An Investigation of the Movements of the Points of Inflection on Beams Under Various Combinations of Loads. (D52.331/45.)
 - #472. Wind Tunnel Test of the PW-4 Airplane. (D52.1/PW4/1.)
 - 473. Use of Balsa Wood in Plywood. (D11.1/193.)
 - 474. Wind Tunnel Test of the Fokker PW-5 with the V-40 Wing and the PW-5 Wing. (D52.1/Fokker/83.)
 - 475. Wind Tunnel Test of the Original DB-1 Model. (D52.1/Gallaudet DB1/3.)
 - 476. Wind Tunnel Test of the GA-2A Ground Attack Airplane. (D52.1/GA-2A/1.)
 - *477. Wind Tunnel Test of Eight Model Fuselages. (D52.31/53.)
 - *478. Wind Tunnel Test of 36 by 6 Inch Airfoils. (D52.338/93.)
 - *478. Appendix.—Appendix to Air Service Information Circular Vol. V, No. 478, Wind Tunnel Test of 36 by 6 Inch Airfoils. (D52.338/93/Appendix.)
 - 479. Official Performance Test of Boeing Pursuit PW-9 Equipped with Curtiss D-12 High Compression Engine. (D52.1/Boeing/5.)
 - 480. Take-Off Characteristics of the DH-4. (D52.1/DH4/141.)
 - 481. Technical Bulletin No. 40. (File 629.13/un3as.)
 - 482. Technical Bulletin No. 41. (File 629.13/un3as.)
 - 483. Technical Bulletin No. 41. Supplement. (File 629.13/un3as.)
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 - 488. Technical Bulletin No. 46. (File 629.13/un3as.)
 - 489. Technical Bulletin No. 47. (File 629.13/un3as.)
 - *490. Technical Bulletin No. 48. (File 629.13/un3as.)
 - #491. Static Test of the Fokker PW-7 Pursuit Airplane. (D52.1/Fokker/84.)
 - 492. Static Test of the Curtiss PW-8 Single Seater Pursuit Airplane. (D52.1/Curtiss P.W.8/1.)
 - 493. The Investigation of Structural Members Under Combined Axial and Transverse Loads. Section I. (D52.16/63.)
 - 493. The Investigation of Structural Members Under Combined Axial and Transverse Loads. Section II. (D52.16/63/Sec. 2.)
 - 494. Requirements of Spar Varnish for Aircraft. (D11.22/19.)
 - 495. Application of the Method of Least Work to Redundant Structures. (D52.16/64.)
 - 496. Official Performance Test of Curtiss PW-8A Equipped with 400 H. P. Curtiss D-12 Low Compression Engine. (D52.1/Curtiss P.W.8/3.)
 - 497. Remedies for Machine Gun Malfunctions. (D72.1/40.)
 - 498. Study of S. T. Ae Formula for Load Factors. (D52.33/2 53.)
 - #499. Official Performance Test of Huff-Daland TW-5, Equipped with 180 H. P. Wright "E" Engine. (D52.1/Huff-Daland/16.)
 - 500. Index to Information Circulars 401-500. (Superseded by No. 677.)
 - 501. Wind Tunnel Test of the Curtiss PW-8 Pursuit Airplane. (D52.1/Curtiss P.W.8/5.)
 - 502. Official Performance Test of Boeing PW-9, Equipped with Curtiss D-12 Low Compression Engine. (D52.1/Boeing/7.)
 - 503. Not printed.
 - 504. Instructions for Reinforcing Liberty Cylinders. (D52.41/Liberty/263.)
 - 505. A Method Used by the Engineering Division of the Air Service for Computing the Horsepower Available from an Engine with a Two-Bladed Propeller. (D52.41/165.)
 - 506. Official Performance Test of Atlantic AO-1, Equipped with 400 H. P. Liberty 12-Cylinder Engine (D52.1/Atlantic AO-1/1.)
 - 507. Official Performance Test of Fokker CO-4, Equipped with Liberty 12-Cylinder Engine. (D52.1/Fokker/86.)
 - #508. Static Test of the CO-6. (D52.1/CO-6/1.)
 - 509. Official Performance Test of Douglas XO-2 Equipped with Liberty "12" Engine and Standard Steel Propeller Set at 18. (D52.1/Douglas/0.2/1.)
 - 510. Flow of Air Around a Rotating Cylinder. (D52.417/16.)
 - 511. Wind Tunnel Test of Six Horizontal Tail Surface Designs Having the USA-47 Airfoil Section. (D52.32/27.)
 - 511. Supplement to Information Circular, Volume VI, No. 511, Wind Tunnel Test of Six Horizontal Tail Surface Designs Having the USA-47 Airfoil Section. (D52.32/27/Supp.)
 - #512. Static Test of the DH-4-M2 Fuselage. (D52.1/DH-4/143.)

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 - #515. Torsional Test of Martin Bomber NBS-1. (D52.1/Martin/37.)
 516. The Design of Plywood Webs for Box Beams. (D52.331/47.)
 - #517. Report of the Torsional Test of the G. Elias NBS-3 Fuselage. (D52.1/G. Elias/7.)
 - #518. Static Test of the U. S. Air Mail Plane No. 509 (Bellanca D. H.). (D52.1/Bellanca/2.)
 519. Static Test of the Engineering Division Experimental Steel Spar Designed by I. M. Laddon. (D52.331/48.)
 520. Stress Analysis of Lieut. Phillips' "Alouette" Airplane. (D52.1/Alouette/1.)
 521. Official Performance Test of Engineering Division XCO-6 Equipped with "12" Cylinder Inverted Liberty Engine. (D52.1 C.O.6/3.)
 522. Official Performance Test of Atlantic XCO-8, Equipped with Loening Wings and Liberty "12" Engine. (D52.1/Atlantic XCO-8/1.)
 523. First Full Throttle Endurance Test of Liberty Engine, Equipped with Various Experimental Materials (D52.41/Liberty/280.)
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