

Smithsonian Institution Smithsonian National Air and Space Museum Archives

Knabenshue Collection - Miscellaneous Documents

Extracted on Apr-20-2024 08:38:24

The Smithsonian Institution thanks all digital volunteers that transcribed and reviewed this material. Your work enriches Smithsonian collections, making them available to anyone with an interest in using them.

The Smithsonian Institution (the "Smithsonian") provides the content on this website (transcription.si.edu), other Smithsonian websites, and third-party sites on which it maintains a presence ("SI Websites") in support of its mission for the "increase and diffusion of knowledge." The Smithsonian invites visitors to use its online content for personal, educational and other non-commercial purposes. By using this website, you accept and agree to abide by the following terms.

- If sharing the material in personal and educational contexts, please cite the Smithsonian National Air and Space Museum Archives as source of the content and the project title as provided at the top of the document. Include the accession number or collection name; when possible, link to the Smithsonian National Air and Space Museum Archives website.
- If you wish to use this material in a for-profit publication, exhibition, or online project, please contact Smithsonian National Air and Space Museum Archives or transcribe@si.edu

For more information on this project and related material, contact the Smithsonian National Air and Space Museum Archives. See this project and other collections in the Smithsonian Transcription Center.

Review AUGUST, 1940

[[Image]]No blind spot on the tail can threaten the crow of a Republic 2-PA pursuit-bomber. In this experimental ship, the gunner illustrates the flexi-bility and effective field of the cockpit gun which pivots to nearly any angle

aft action and the wheels are enclosed in streamlined fairings. Each leg is a single oleo unit calculated to take side loads and bending to the extreme degree necessitated by military action. The tail wheel is fully steerable and retractible.

The fully-enclosed cockpit gives the pilot excellent visibility in all directions. In addition to a sliding canopy, there is an emergency exit through the large baggage section in the rear. The pilot's seat can be dropped to provide protection and ease of exit in event of a nose-over accident. The airplane is designed to carry its own normal servicing equipment when a change of base is ordered.

The installation of the standard Pratt & Whitney engine, constructed at Hartford, Connecticut, U. S. A., and used in military and commercial airplanes throughout the world, is such as to permit the removal and prelacement of a spare engine of a similar type. The engine is equipped with a highly efficient booster supercharger.

The propeller is a Hamilton Standard constant-speed pro-peller with three blades and a diameter of 10 feet, 6 inches (3.2 meters). The 2-PA is a two-place version of the EP-1 and corresponds in many respects, both in dimensions and performance, to the sin-gle-seater pursuit. However, certain essential differences should be noted. An additional fuel capacity in each of the outer panels increases its cruising range from 750 miles to over 1100 miles. The gunner's cockpit is placed directly to the rear of the pilot, where an unusual feature permits the streamline turtledeck to revolve and clear the gun for action. The gun, mounted on a free-turn-ing ring, is then permitted a range of action of 180 degrees hori-zontally and 70 degrees vertically. Provision has also been made for two synchronized fuselage guns and a considerably increased bomb load.

The large purchase from the Swedish Royal Air Force includes extensive tool and parts equipment to provide adequate service and operation of the planes in that country.

REPUBLIC IS READY FOR TODAY'S JOB AND TOMORROW'S



aft action and the wheels are enclosed in strengthend thiology. Each log is a single size suit calculated to take side loads and bandlag to the extreme degree accessibilitied by military action. The tail wheel is fully strengible and reteartible.

The fully-inclosed endepit gives the pilot excellent visibility in all directons. In addition to a sililary encoupt, there is an receptory roll through the large happy extension is the rear. The pilot is not can be decoped to provide protection and case of each its over all of a new-cover academ. The silpitance is dispared to carry 2a over normal servicing explorated when a change of have in end-of-

The installation of the standard Forth & Whitney require, constructed at Bartford, Connectiont, U. S. A., and used in military and commercial ariginates throughout the workle, in each as to present the resurved and replacement of a space region of a insider type. The explore is exployed with a highly efficient locater accentratory. The propelles is a Hamilton Standard constant-speed propeller with three blacks and a diameter of DE Feet, C indust (3.8 matter).

metric). The 4.3-N is a two-place version of the EP 4 and corresponds to many property, both is dimensions and proferences, in the sindiscusstor purchase. However, enclose the single dimension density is dimensional to the single sector of the single dimension density increases in revising many from 120 subtracts were 1100 mins. The gamma'r coupling is placed directly to be sense of the place, where an observable particular to the extensitive text-force is to serve and show the presentation is many of a stimular the server and show the presentation is many of a stimular that how makes for the synchronized framework of the server is a state basis text to synchronized framework (the second dimension of the text of the low basis).

The large partiase from the Swelish Bopal Air Form includes extensive tool and parts exploseent to provide adequate service and operation of the planes in that country.

REPEVENCES READY FOR TODAT'S JOB AND TOWORNOW'S

Knabenshue Collection - Miscellaneous Documents Transcribed and Reviewed by Digital Volunteers Extracted Apr-20-2024 08:38:24



Smithsonian Institution

Smithsonian National Air and Space Museum Archives

The mission of the Smithsonian is the increase and diffusion of knowledge - shaping the future by preserving our heritage, discovering new knowledge, and sharing our resources with the world. Founded in 1846, the Smithsonian is the world's largest museum and research complex, consisting of 19 museums and galleries, the National Zoological Park, and nine research facilities.Become an active part of our mission through the Transcription Center. Together, we are discovering secrets hidden deep inside our collections that illuminate our history and our world.

Join us! The Transcription Center: https://transcription.si.edu On Facebook: https://www.facebook.com/SmithsonianTranscriptionCenter On Twitter: @TranscribeSI

Connect with the Smithsonian Smithsonian Institution: www.si.edu On Facebook: https://www.facebook.com/Smithsonian On Twitter: @smithsonian