

Modelling The P 47 Thunderbolt

P-47 Thunderbolt at War P-47 Thunderbolt Pilot's Flight Operating Manual Republic P-47 Thunderbolt Republic P-47 Thunderbolt Thunderbolt The P-47 Thunderbolt P-47 Thunderbolt in Detail & Scale P-47 Thunderbolt at War P-47 Thunderbolt in Action Republic P-47 Thunderbolt P-47 Thunderbolt vs German Flak Defenses Republic P-47 Thunderbolt The P-47 Thunderbolt P-47 Thunderbolt Republic's P-47 Thunderbolt P-47 Thunderbolt Units of the Twelfth Air Force P-47 Thunderbolt with the USAAF in the MTO, Asia and Pacific P47 Thunderbolt Modelling the P-47 Thunderbolt P-47 THUNDERBOLT. Cory Graff Periscope Film Com Jerry Scutts Maciej Noszczak Dan Patterson Len Morgan Bert Kinzey William N. Hess Larry Davis Tomasz Szlagor Jonathan Bernstein Maciej Noszczak Len Morgan William N. Hess Warren M. Bodie Jonathan Bernstein Tomasz Szlagor David Doyle Brett Green P-47 Thunderbolt at War P-47 Thunderbolt Pilot's Flight Operating Manual Republic P-47 Thunderbolt Republic P-47 Thunderbolt Thunderbolt The P-47 Thunderbolt P-47 Thunderbolt in Detail & Scale P-47 Thunderbolt at War P-47 Thunderbolt in Action Republic P-47 Thunderbolt P-47 Thunderbolt vs German Flak Defenses Republic P-47 Thunderbolt The P-47 Thunderbolt P-47 Thunderbolt Republic's P-47 Thunderbolt P-47 Thunderbolt Units of the Twelfth Air Force P-47 Thunderbolt with the USAAF in the MTO, Asia and Pacific P47 Thunderbolt Modelling the P-47 Thunderbolt P-47 THUNDERBOLT. *Cory Graff Periscope Film Com Jerry Scutts Maciej Noszczak Dan Patterson Len Morgan Bert Kinzey William N. Hess Larry Davis Tomasz Szlagor Jonathan Bernstein Maciej Noszczak Len Morgan William N. Hess Warren M. Bodie Jonathan Bernstein Tomasz Szlagor David Doyle Brett Green*

known as the jug because of its fuselage shape the republic p 47 thunderbolt flew in every theatre of wwii except alaska nearly 13 000 were built by war s end the large aircraft carrier eight browning machine guns and up to 2 000 lbs of bombs or rockets and proved an effective fighter and bomber the radial pratt and whitney powerplant put out over 2500 h p and propelled the p 47 at a maximum speed of 426 mph at 30 000 feet originally published by the u s army air force this handbook taught pilots everything they needed to know before entering the cockpit this affordable facsimile of a real wwii manual has been reformatted care has been taken to preserve the integrity of the text

the distinctive rugged lines of this heavyweight single seater earned it the nickname the jug but what the thunderbolt lacked in elegance it more than made up for in firepower of the 15 683 thunderbolts built only 54 airframes are known to exist today this book provides a generously illustrated and thoroughly researched tribute to the aircraft

before the p 47 thunderbolt gained a bubble top fairing these fighters had slightly different some claim to be more racial figure in the first versions the plane had a typical canopy built into the fuselage which resulted in a slightly hunched line the first copies of the p 47b underwent a series of tests at the turn of 1941 and 1942 initially they were not very promising one of the planes was lost because of the tail tearing off during the dive in addition at heights above 9144 m the flaps froze it was impossible to open the cabin hood and the forces on the rudders were very big at high speeds the paint covering the elevators fell off and the aerodynamic pressure inflated their sheath they were covered with canvas causing dangerous tail vibrations to remedy these problems metal sheathing was introduced elevators shape was changed and weight flaps were added the propulsion of the p 47b version was a 2000 hp r 2800 21 engine the time to reach the ceiling of 4572 m was 6 7 minutes the aircraft developed a speed of 690 km h at an altitude of 8230 m in horizontal flight which was a great result

thunderbolt

the republic p 47 thunderbolt was one of the most heralded and recognizable fighters of world war ii built in larger numbers than any other american fighter aircraft in history a record that will surely never be broken the p 47 evolved during the war from an interceptor design to that of a long range fighter with excellent fighter bomber capabilities from the original razorback p 47b that could not carry any external stores to the bubbletop p 47n with larger wings and the ability to carry a wide array of external fuel tanks and ordnance this book covers every aspect of the fighter that became known as the jug detail scale published its first book on republic s p 47 thunderbolt in 1998 twenty five years later this new publication p 47 thunderbolt in detail scale significantly revises and expands our original coverage of the big radial engine fighter that endeared itself to many pilots as the rugged and survivable aircraft that would bring them home following an introduction the thunderbolt history chapter traces the origins of the thunderbolt covering the previous seversky and republic efforts that led up to its design and development this chapter then continues with how the different production variants from the p 47b through the p 47n improved the capabilities of the aircraft as each succeeding production block and version became operational next is the thunderbolt variants chapter which takes a closer look at each version of the p 47 in more detail all of the production variants as well as the experimental thunderbolts are included in this informative chapter line drawings that point out important changes and enhancements made to the production variants were drawn specifically for detail scale by lloyd s jones the primary focus of the detail scale series of aviation publications is on the details of the aircraft the thunderbolt details chapter has ten different sections that include 170 detail photographs that cover the p 47 in incredible detail both inside and out and from the propeller hub to the position light on the trailing edge of the rudder the large majority of these photographs are in color and most were taken by the author specifically for the original book and for this publication to ensure that every possible detail would be illustrated no less than ten different p 47s were photographed as with all detail scale series books our modelers section provides coverage of the scale model kits of the thunderbolt in the quarter century since our original book on the jug was published a considerable number of new kits have been released and reviews of these have been added to the modeler section kits in all popular standard modeling scales from 1 144th through 1 24th scales are included p 47 thunderbolt in detail scale has more than 260 photographs over 190 of which are

in color 11 drawings and 9 color profiles

captioned photos illustrations and brief text describe the design development and uses of the american designed fighter plane

free 1 48 and 1 72 decals and masking foil the last fourth part of a monograph on p 47 thunderbolt discusses its combat use as fighter bomber in western europe during the last few months of ww2 the air battles over southern europe in 1944 1945 are also thoroughly described another chapter is devoted to thunderbolt s service in the raf the free french af the brazilian af the mexican af and the chinese af together with other foreign operators the author uncovers the fates of particular fighter units as well as individual pilots who fought in them the book includes technical data and lists of units operating the p 47 free 1 48 and 1 72 decals for 3 schemes p 47d 30 ra s n 44 33721 of escuadron aereo de pelea 201 july 1945 p 47d 30 re of the columbian air force p 47d 40 ra s n 45 49506 of grupo de aviacion 11 chile about the series monographs focuses on an individual type of aircraft each monograph contains descriptions of the aircraft s origin its variants and combat history each volume includes several hundred archive photographs technical scale drawings and color profile artwork each book also has free extras for modelers with decals and masking foil

a detailed analysis of the tactics and techniques used by both sides the employment of allied tactical air power in europe from 1943 and how german defences struggled to counter the overwhelming air threat

the p 47d was the most produced version of the thunderbolt fighter from overall number of 15 683 p 47s built the 12 609 of them were the version d the first trial p 47d left the factory in september 1942 the first serial version of the p 47d was the d 1 re variant which can be easily distinguished from the p 47c by its additional blinds on lower part of the engine cowling the important change was also the additional cockpit armor the most important variant of the early p 47ds was the p 47d 5 version it received the installation which injected the water and methanol mixture to the r 2800 21 engine s cylinders during the autumn of year 1943 another variant of the p 47d was developed p 47d 10 with new r 2800 63 engine in next version p 47d 11 the usage of the water methanol mixture was automatic the injection was triggered by the maximum push of the throttle lever the plane also received the gun camera in another version p 47d 15 the capacity of the front fuel tank was enlarged so the maximum range of the p 47 increased too the d 15 variant was equipped with two b 10 racks under the wings which allowed to make different configurations of the payload bombs and fuel tanks another innovation was the detachable canopy in case of emergency also the shape of two lower blinds was modified the p 47d 20 received the new engine r 2800 59 which had a different ignition system the d 20 variant also received the higher tail wheel fork and redesigned racks under the wings the most important change of the construction took place between spring and summer of the year 1944 when the production of the p 47d 22 and d 23 has started the d 22 version built in farmingdale factory received the hamilton standard hydromatic 24e50 65 propeller with 4 01 m in diameter the planes produced in evansville d 23 had curtiss electric c542s a114 propeller with 3 96 m in diameter the new propellers considerably improved the climbing rate of the p 47s

republic p 47 thunderbolt

The P 47 Thunderbolt originally designed as a high altitude interceptor became the principal US fighter bomber of World War II. First adapted to the ground attack role by units of the Twelfth Air Force in early 1944, the strength and durability of the P 47 airframe along with its massive size earned it the nickname 'Jugger' which was quickly shortened to 'Jug' throughout the war. By October 1943, with the creation of the Fifteenth Air Force, nearly half of the Twelfth's fighter groups would be retasked with strategic escort missions, leaving six groups to perform close air support and interdiction missions throughout the entire Mediterranean theatre. The groups inflicted incredible damage on the enemy's transport routes in particular using rockets, bombs, napalm and machine gun rounds to down bridges, blow up tunnels and strafe trains. Myriad first-hand accounts and period photography reveal the spectacular success enjoyed by the Thunderbolt in the war in the final year of the war.

The P 47 Thunderbolt's service outside Western Europe in three other major theatres of World War II – the Mediterranean, Asia and the Pacific – although perhaps not as publicized, was no less colorful and varied, which makes it an excellent subject for a photo story. During the long campaign in Italy, the Thunderbolt was the best air interdiction aircraft the Allies had pitted against German and Italian fighters; it proved more than a match. In the Pacific, the Thunderbolt easily held its own against Japanese fighters over New Guinea and later over Japan's home islands. Armed with fire bombs, bazookas and other ordnance, it earned distinction as close air support aircraft during the invasion of the Marianas. Also in China, Burma and India, the P 47 excelled both as fighter and fighter bomber with the renowned Air Commandos among other units.

Among the iconic aircraft of World War II, the Republic P 47 Thunderbolt not only was physically the biggest single-engine fighter, it also had an enormous impact on history in terms of its combat effectiveness. P 47 fliers destroyed 7,067 hostile aircraft, with about half of those kills recorded during aerial combat. Thunderbolt pilots reported destroying 6,000 enemy tanks, 68,000 trucks, 86,000 railway cars and 9,000 locomotives. For a single-engine fighter, such a tally is definitely one for the history books. The history of this iconic aircraft is presented through carefully researched archival photos as well as photographs of preserved examples, thereby illustrating not only the combat use of the Thunderbolt but also the details of its design and construction. Large, clear photos coupled with descriptive and informative captions put the reader on the airfield and in the sky with this historic aircraft, part of the Legends of Warfare series.

The P 47 Thunderbolt affectionately nicknamed 'Jug' was one of the most famous fighter aircraft of World War II, used as both a high altitude escort fighter and a low level fighter bomber. It quickly gained a reputation for being tough and resilient. Many different air forces operated this plane, and it sported a wide range of camouflage schemes, finishes and markings, including stunning nose art. This book takes a step-by-step approach to modelling a wide variety of P 47 types in 1:48 scale, from razorbacks in USAF colours to RAF 'Bolts' in East Asia. It provides expert advice on conversions, including a bubbletop to a P 47M, adding aftermarket items, detailing and ways to achieve top quality weathering and finishes.

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