

ERA25LA371

INVESTIGATION PHOTOGRAPHS



Photograph 1 - Accident path through trees (Courtesy of FAA)



Photograph 2 - View of left side of wreckage, fuselage inverted (Courtesy of FAA)



Photograph 3 - Bottom surface of wings showing fire damage (Courtesy of FAA)



Photograph 4 - Lower half of tailwheel locking pin showing fracture surface (Courtesy of FAA)



Photograph 5 - Upper half of locking pin frozen in place in upper casting (Courtesy of FAA)



Photograph 6 - Bottom of lower locking pin showing wear (Courtesy of FAA)



Photograph 7 - Wear to locking pin engagement hole (Courtesy of FAA)

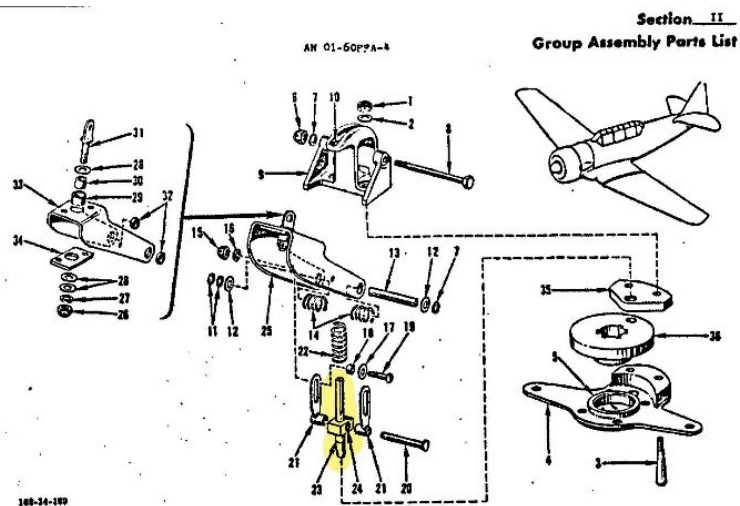


FIGURE 59 - TAIL WHEEL DECLUTCHING HEAD ASSEMBLY

FIGURE 59	PART NUMBER	NOMENCLATURE	UNITS PER ASST.	APPLICATION CODE
		ALIGNING GEAR (Cont)		
		TAIL WHEEL DECLUTCHING HEAD ASSEMBLY		
59	121-34510	Head Assembly - Tail wheel declutching (see figure 57 for next assembly)	Ref	ALL
-1	AN320-3	Nut - Castle shear	2	ALL
-2	AN975-3	Washer - Taper pin	2	ALL
-3	AN986-2-9	Pin - Threaded taper	2	ALL
-4	97-34120	Mast Assembly - Tail wheel steering	1	ALL
-5	97-34121	Bearing - Tail wheel steering mast	1	ALL
-6	AN310-3	Nut - Castellated airframe	1	ALL
-7	AN960D10	Washer - Plain	2	ALL
-8	AN3-27	Bolt - Aircraft 10-32	1	ALL
-9	121-34511	Retainer Assembly - Tail wheel spindle lock pin	1	ALL
-10	121-34512	Bearing - Tail wheel spindle lock pin retainer	1	ALL
-11	AN960D10L	Washer - Plain	2	ALL
-12	2W1AL13-18-32	Washer - Plain (NA)	1	ALL
-13	4B2183-124	Bushing - Spacer (NA)	1	ALL
-14	121-34513	Spring - Tail wheel declutching bellcrank return	1	ALL
-15	AN320-3	Nut - Castle shear	2	ALL
-16	AN960D10	Washer - Plain	2	ALL
-17	AN960D10L	Washer - Plain (NA)	2	ALL
-18	2W1AL13-18-32	Washer - Plain (NA)	2	ALL
-19	4B16CP5-4	Bearing - Sintered oil impregnated (NA)	2	ALL
-20	AN23-10	Bolt - Clevite 10-32	2	ALL
-21	AN393-19	Pin - Flat head 3/16	1	ALL
-22	121-34506	Link Assembly - Tail wheel declutching	2	ALL
-23	97-34124	Spring - Tail wheel spindle lock pin impeller	1	ALL
-24	97-34123	Pin Assembly - Tail wheel spindle lock	1	ALL
-25	121-34507	Bushing - O-Ring (CC)	1	ALL
-26	AN310-4	Bellcrank Assembly - Tail wheel declutching	1	ALL
-27	AN960-116	Nut - Castellated airframe	1	ALL
-28	2W1-16-20-32	Washer - Plain (NA)	3	ALL
-29	4B16CP6-11	Bearing - Sintered oil impregnated (NA)	1	ALL
-30	4B16CP8-12	Bushing - Free fit plain (NA)	1	ALL
-31	AN43-7	Bolt - 1/4-28 for 3/16 pin eye	1	ALL
-32	4B16CP5-4	Bearing - Sintered oil impregnated (NA)	1	ALL
-33	121-34507-3	Bellcrank - Tail wheel declutching	1	ALL
-34	121-34507-5	Plate - Tail wheel declutching bellcrank	1	ALL
-35	97-34173	Housing - Tail wheel spindle lock pin	1	ALL
-36	121-34507	Plate - Tail wheel spindle to mast locking	1	ALL

Revised 3 July 1950

101

Photograph 8 - Aircraft parts catalog page showing intact locking pin