



Sugg Nr 65-4000

AWARD CERTIFICATE

WALTER E. YOCUM

FMS

Is granted an award of \$ 30.00 for the contribution of suggestion pertaining to removal of #6 bearing hub. Tangible benefits \$546.00. Awarded \$30.00.

*Harold P. Moody*  
HAROLD P. MOODY, Major, USAF, Cmm

10 June 65

AF FORM 1413, FEB 60

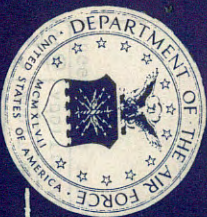
230. PREV. NORM.	CSR	GROUP LIFE INS.	HEALTH BENEFITS	ORGAN. DUES	NET PAY

FORM GVD 800 (152-216-03)  
STANDARD FORM NO. 1126 (5-part)

PAYROLL CHANGE SLIP - EMPLOYEE'S COPY

★ U.S. GOVERNMENT PRINTING OFFICE: 1961-O-182-873

PART 0 - REMARKS



# SUGGESTION

### HOW TO MAKE YOUR SUGGESTION

DISCUSS: Discussion with your supervisor is encouraged.  
 COMPLETE: Complete all blank spaces in Sections I and II, except "Suggestion No." In Section III enter "Subject Of Suggestion" and your name and mailing address.  
 SIGN: Be sure to sign your suggestion in Section I.  
 ADD: Use additional sheets for drawings or pictures when necessary. Attach separate sheet for co-suggester's Personal Data Information.  
 SUBMIT: Suggestion may be submitted through your supervisor, placed in a suggestion box, or mailed to the Suggestion Committee.  
**IMPORTANT! SUBMIT ALL SECTIONS OF THIS FORM - DO NOT DETACH ANY SECTION.**

### SUGGESTER'S PERSONAL DATA

NAME OF SUGGESTER (Last, First, Middle Initial)			HOME OR MAILING ADDRESS	SUGGESTION NO.
Yocum, Walter E.			RD#5 Box 169 Dover Del	
<input checked="" type="checkbox"/> MR.	<input type="checkbox"/> MISS	WB-10 GRADE	POSITION TITLE	
<input type="checkbox"/> MRS.	<input type="checkbox"/> MILITARY	<input type="checkbox"/> CIVILIAN	Jet Engine Mechanic	
INSTALLATION			ORGANIZATION AND/OR SYMBOL	OFFICE PHONE
Dover A.F.B. Dover Del.			1607th F.M.S. JEBU J-75	268
SUBJECT OF SUGGESTION				
Removal of No. 6 Bearing Hub.				
I HEREBY AGREE THAT, UPON ACCEPTANCE OF A CASH AWARD(S), THE USE OF THIS SUGGESTION BY THE UNITED STATES SHALL NOT FORM THE BASIS OF A FURTHER CLAIM OF ANY NATURE UPON THE UNITED STATES BY ME, MY HEIRS, OR ASSIGNS.				
DATE	SIGNATURE OF SUGGESTER	MAY YOUR NAME BE USED DURING THE PROCESSING OF THIS SUGGESTION? (If "No", do not complete first line in Section II.)		
31 Mar 65	Walter E. Yocum	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

### SUGGESTION

NAME OF SUGGESTER	ORGANIZATION AND/OR SYMBOL	OFFICE PHONE
Walter E. Yocum	1607th F.M.S. JEBU J-75	268
I BELIEVE THIS SUGGESTION WILL		
<input checked="" type="checkbox"/> SAVE TIME	<input type="checkbox"/> SAVE MATERIAL	<input checked="" type="checkbox"/> IMPROVE METHODS
<input type="checkbox"/> IMPROVE SAFETY	<input type="checkbox"/> SIMPLIFY WORK	
DESCRIBE SUGGESTION COMPLETELY. TELL WHAT THE PRESENT PRACTICE IS, CHANGE THAT IS SUGGESTED, WHERE AND HOW IT CAN BE USED, AND BENEFITS TO BE DERIVED FROM ITS USE. (If suggestion is hand-written, please use black pencil or black ink, if possible.)		

At the present time, the removal of the No. 6 Bearing Hub is accomplished by using special tools - PWA 10082 puller which is a knocker type and PWA 11207 puller which is a later type tool, hydraulic operated. I/A/W TA 25-J756 The hub is removed from the rear face of the No. 3 Turbin wheel, held by 12 tie rod bolts secured on the front face of the No. 2 Turbin wheel. To do the job mentioned above it requires the use of 3EA. special machined jack screw bolts. These jack screw bolts are used on the hub, which has provisions to thread into, for balance plugs. Inserting these machined jack screw bolts into the threaded openings on the hub and applying even torque to the bolts

(Continue on Reverse)

AF FORM 1000  
OCT 63  
PREVIOUS EDITIONS OF THIS FORM WILL BE USED UNTIL STOCK IS EXHAUSTED.

### SUGGESTION ACKNOWLEDGEMENT


III.	SUGGESTION NO.
SUBJECT OF SUGGESTION	
Removal of No. 6 Bearing Hub.	
THANK YOU FOR YOUR SUGGESTION. IT HAS BEEN ASSIGNED THE ABOVE SUGGESTION NUMBER. CAREFUL CONSIDERATION WILL BE GIVEN YOUR SUGGESTION, AND YOU WILL BE INFORMED WHEN ACTION IS TAKEN. YOUR INTEREST IN PRESENTING THIS IDEA IS APPRECIATED.	
DATE	EXECUTIVE SECRETARY, AWARDS COMMITTEE
TO:	

Walter E. Yocum  
RD#5 Box 169  
Dover Del

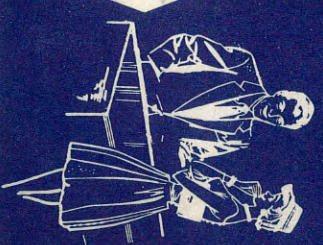
### IMPORTANT!

Please print your name and mailing address (home or office) in the space provided at left, keeping within the printed corner marks.


**HOW YOUR SUGGESTION IS HANDLED**



OPERATING ACTIVITY  
EVALUATION-ADOPTION  
OR DISAPPROVAL



COMMITTEE  
CONSIDERATION



ADOPTION...  
PRESENTATION  
OF AWARD

YOUR

IDEA


POWER


MEANS

MORE

AEROSPACE

POWER





DISAPPROVAL  
REASON EXPLAINED

SUGGESTION (continued)

tasks the rear face of the No 2 turbin wheel, bracking the hub loose from the tie rods with no difficulty.

These task screw bolts have been in use for approximatly one year now, and do the job well. In the past the knocker type tool PWA 10082 kept bracking oncl would take approx. 2 to 3 man hours to do the job. The later type tool PWA 11207 hydraulic puller does not do the job much better with the great possibility of injuring the man doing the job. Exerting maximum hyd. press until tool starts bend, with the possibility of bracking loose from its mounting position.

With the jack screw method the hub can be removed within a minum amount of time and effort. The F-25 Engines Section puts out approx. 4 to 5 Engines per month which each engine being disassembled with the use of the machined tack screw bolts \$45.00 for material + labor

3EA Jack screw bolts 3EA cost APPROX. \$45.00  
PWA special tools cost - PWA 11207 - \$260.00  
PWA 10082 - 115.00

TO BE COMPLETED AND KEPT BY THE AWARDS COMMITTEE

**IV. SUGGESTION RECORD**

SUGGESTION TITLE: *Removal of No. 6 Bearing Hub, Walter, E. Yocum*

NAME OF SUGGESTER(S):

SUGGESTION NO.:

REMARKS:

ACTION AND DATE	RECEIVED	ACKNOWLEDGED	CHECKED	CONSIDERED AT COMMITTEE MEETING	DECISION		SUGGESTER(S) NOTIFIED	RECOMMENDED TO COMMANDER FOR AWARD			
					ACCEPTED	DISAPPROVED					
					DATE						
EVALUATION REFERRAL NOTES	REFERRED TO	FORWARDED	RETURNED	REMARKS							
								DATE	DATE	DATE	DATE
								DATE			
SUMMARY OF AWARD	TYPE	AMOUNT		DATE	TANGIBLE BENEFITS		INTANGIBLE BENEFITS				
		INITIAL	ADDITIONAL								
		ADDITIONAL	ADDITIONAL								
SUGGESTION TITLE											

SUGGESTION NO.