

Deviation From Design

DfD :	DfD-0018	Follow Up Required	Taran Laval – SAAA Builder 7417 Van’s Aircraft RV7 - 73918
		Y	
LH ELEVATOR TRIM TAB OB RIB EDGE DISTANCE			

BACKGROUND:

WHEN CUTTING THE OB EDGE OF THE TRIM TAB AS PER MOD-001 THE EDGE WAS NOT CUT 90° TO THE SPAR AS REQUIRED, WHEN THE TRIM TAB WAS TRIAL FITTED TO THE ELEVATOR THIS ISSUE WAS PICKED UP & TAB WAS TRIMMED ACCORDINGLY, THIS TRIMMING OPERATION COMPROMISED THE EDGE DISTANCE FOR ONE OF THE OB RIB RIVETS FROM THE STANDARD PRACTISES REQUIRED 2x DIA OF 3/16" DOWN TO 1/8" – 1/16"BELOW STANDARD PRACTISES MINIMUM.



ACTION TAKEN:

FLATTENED DIMPLE & DRILLED NEW RIVET HOLE, WILL FILL OLD HOLE LATER



FOLLOW UP

UNUSED HOLE TO BE INSPECTED PERIODICALLY FOR EVIDENCE OF CRACKING

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RE: trim tab edge distance builder 73918
Sterling Langrell [sterling@vansaircraft.com]
Sent: Tuesday, May 13, 2014 5:07 AM
To: Taran Laval

I don't see anything wrong with what you have done in the picture.

Sterling

On 7 May 2014 at 2:30, Taran Laval wrote:

> Sorry Mate, Thought I attached it
> I ended up skipping that rivet and installing a new one next to it where the edge distance will be ok,
> Is this acceptable in your opinion?
>
> cheers
>
> Taran Laval
> 73918
> sydney Australia
>
>
> Taran Laval
> AME Mechanical
> Sydney Domestic Operations
> Line Maintenance Ops
> PH. 0425232977
>
> From: Sterling Langrell [sterling@vansaircraft.com]
> Sent: Tuesday, May 06, 2014 2:16 AM
> To: Taran Laval
> Subject: Re: trim tab edge distance builder 73918
>
> This will most likely be okay but I am a but uncertain on the location of the effected rivet. Can
> you please send a picture of the assembly.
>
> Sterling
>
> On 5 May 2014 at 2:38, Taran Laval wrote:
>
> >
> > Hi Mate,
> > Builder 731918 here,
> > I'm not sure if you can help but its worth a try,
> > I decided to scrap the folded tabs on the trim tab as many other builders have but when cutting the
> > OB edge tabs of the trim tab I didn't cut the edge 90° to the spar as required, and consequently
> > when I trial fitted the trim tab to the elevator I picked this issue up & I trimmed the tab accordingly,
> > this trimming operation compromised the edge distance minimum for one of the ob rib rivets from
> > the standard practises required 2x dia of 3/16" down to 1/8" - 1/16" below the standard practises
> > minimum.
> > What would you suggest?
> >

Date: 05 MAY 14

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DfD :

DfD-0018

Follow Up
Required

Y

**Taran Laval – SAAA Builder 7417
Van's Aircraft RV7 - 73918**

LH ELEVATOR TRIM TAB OB RIB EDGE DISTANCE

> > Any help would be greatly appreciated,

> >

> > Cheers

> >

> > Taran Laval

> > Builder 73918

> > Sydney Aus

> >

> > Taran Laval

> > AME Mechanical

> > Sydney Domestic Operations

> > Line Maintenance Ops

> > PH. 0425232977

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Date:

05 MAY 14