



Notification Officer: [Redacted]

Phone: 1800 011 034

*All orange fields are Mandatory unless information is not available from Reporter*

Reporters Name: [Redacted] Role: [Redacted] Employer: AMSA  
Report date: 28/12/2016 Report time: 0834 Phone: [Redacted]

Registration: [Redacted] Flight No: [Redacted] Aircraft Type: AT502  
eg. Boeing 737, Cessna 210  
Occurrence type: Collision with terrain Operation Type: Crop spraying  
eg. Loss of separation, wheels up landing eg. charter pax, mustering, private  
Occurrence Date: 28/12/2016 Occurrence Time: UNK  Local  UTC

Occurrence location: 2535 Callandboon Rd Callandboon about 40 km W Goondiwindi State: Qld

Latitude/Longitude: [Redacted] [Redacted]  
Important for accidents away from aerodromes

Aircraft Operator: [Redacted]

Injuries	Fatal	Serious	Minor	Nil
Crew		1		
Passengers				
Ground				

Damage description: Destroyed

Description of occurrence and Additional Information: (Press ALT + ENTER for a new paragraph)

Air Tractor AT502 [Redacted] crashed ~40km west of Goondiwindi. 1 POB [Redacted]  
[Redacted]. Best local contact is [Redacted].  
[Redacted]. No ELT active. Reports are that pilot had finished spray job and was coming in to land when he hit powerlines and nosed straight in. Apparently spraying along channels beside dam. Reports that aircraft was 'further over' than it should have been. Photos on news sites show destroyed aircraft.

Fit Recs Quarantined:  Yes  No ELT Disabled  Yes  No Guard:  Yes  No

Passed on:	Date	Time	Name	Date	Time	Name
COR:	[Redacted]	0845	[Redacted]	[Redacted]	[Redacted]	[Redacted]
Other:	[Redacted]	1339	[Redacted]	[Redacted]	[Redacted]	[Redacted]

WebSMS: [Redacted] [Redacted] [Redacted]  
Other: [Redacted] [Redacted] [Redacted]

## Document 2

Notification Source Details					
Notification source:	Web				
Status:	Loaded				
Status date:	29 Dec 2016				
Registered By	[REDACTED]				
E-Mail Address	[REDACTED]				
Phone Number	[REDACTED]				
Role	Other				
When and Where					
Occurrence Date Time	28 Dec 2016 06:30				
Location	40 km west YGDI, QLD				
Injury and Damage					
Injury Level	Serious				
Damage Level	Destroyed				
Damage Description	Aircraft impacted nose down and was totally destroyed				
Effect on Flight	Other				
Injuries					
	Fatal	Serious	Minor	Not Injured	Total
Crew	0	1	0	0	1
Passengers	0	0	0	0	0
Ground Injuries	0	0	0	0	0
Aircraft - [REDACTED]					
Aircraft Manufacturer	Airtractor				
Aircraft Model	AT502B				
Operation - [REDACTED]					
Flight Phase	Manoeuvring/airwork				
Departed From	Macintyre Downs Farm Strip				
Destination	Macintyre Downs Farm				
Actual Arrival Point	Macintyre Downs Farm Strip				
Flight Rules	VFR				
Flight Conditions	VMC				
Operation Type	Agricultural				
Owner	[REDACTED]				
Operator	[REDACTED]				
Airspace - [REDACTED]					
Airspace Class	G				
Airspace Type	OCTA				
Altitude	20				
Altitude Type	AGL				
Text Summaries					
Summary	[REDACTED]				
Occurrence Type					

<b>Safety Factors</b>	
What Contributed?	[REDACTED]
Contributing factors description	[REDACTED]
Further Preventative Action	[REDACTED]
<b>Environment</b>	
Cloud Cover	Sky Clear
Icing Conditions	Nil
Lighting Conditions	Daylight
Precipitation Intensity	Nil
Precipitation Type	Nil
Visibility	10
Wind Gusting	10kph
Wind Direction	NE
Wind Speed	10kph
<b>Individual - Pilot in command</b>	
Full Name	[REDACTED]
Date of Birth	[REDACTED]
Nationality	[REDACTED]
Primary Phone Number	[REDACTED]
Role	Pilot in command
Licence Number	[REDACTED]
Licence Type	[REDACTED]
Hours on all	[REDACTED]
Hours on all last 90 days	[REDACTED]
Hours on Type	[REDACTED]
Hours on type last 90 days	[REDACTED]

## 201605439 - Occurrence Details

## Overview

Short title	Collision with terrain - Goondiwindi Aerodrome, W M 40Km - 28-Dec-16
Logged date	06 Jan 2017
Occurrence category	Accident
ATSB involvement	Data entry
Status	Reviewed
Highest injury	Serious

## When &amp; where

Occurrence date	28 Dec 16
Occurrence time	7:00
Time zone	EST
UTC offset	10.0
Location	Goondiwindi Aerodrome, W M 40Km
Latitude	S 28° 27.27'
Longitude	E 149° 55.13'
State	QLD
Country	Australia

## Aircraft: [REDACTED], AT-502

Type	Aeroplane
Registration	[REDACTED]
Manufacturer	Air Tractor Inc
Model	AT-502B
Common name	AT-502
Engine type	Turboprop
Number of engines	1
Type of landing gear	Tricycle - Fixed
Fuel type	Kerosene
Country of registration	Australia
Year of manufacture	1997
Amateur built	No
MTOW (kg)	3629
Max weight category	2251-5700 Kg (4960-12565 Lbs)

## Text summaries

Reporter text	<p>Air Tractor AT502 [REDACTED] crashed ~40km west of Goondiwindi. 1 POB [REDACTED]</p> <p>[REDACTED] Best local contact is [REDACTED]. No ELT active. Reports are that pilot had finished spray job and was coming in to land when he hit powerlines and nosed straight in. Apparently spraying along channels beside dam. Reports that aircraft was 'further over' than it should have been. Photos on news sites show destroyed aircraft.</p>
ATSB summary	<p>During aerial agriculture operations, the aircraft struck a drainage channel and powerlines before colliding with terrain. The pilot sustained serious injuries and the aircraft was destroyed.</p>

## Occurrence type: Operational - Terrain Collisions - Collision with terrain

Associated aircraft	[REDACTED], AT-502
Primary	True

Terrain	Ground
Terrain Type	Unknown
Approach Type	Visual
Terrain features	Unknown
Where was aircraft	In air

<b>Safety factor:</b> [REDACTED]	
Associated aircraft	[REDACTED], AT-502
Description	[REDACTED]
Individuals role	[REDACTED]
Error type	[REDACTED]

<b>Operation:</b> [REDACTED], AT-502	
Phase of flight	Maneuvering/airwork
Departure	Macintyre Downs Farm Qld
Destination	Macintyre Downs Farm Qld
Aerodrome proximity	Off aerodrome >10k
Pilot flying status	Employee
Pilot flying role	Pilot in command
Owner	[REDACTED]
Operator	[REDACTED]
Operation type	Aerial Work
Operation sub type	Aerial Agriculture
Flight plan filed	No
Flight procedure	VFR
Flight conditions	VMC

<b>Injury &amp; damage:</b> [REDACTED], AT-502					
	Fatal	Serious	Minor	Not injured	Total
Crew		1			1
Total	0	1	0	0	1
Damage	Destroyed				

**Injury & damage - Ground**

<b>Injury &amp; damage - Other</b>	
Was other property damaged	Yes
Other information	[REDACTED]

<b>Airspace:</b> [REDACTED], AT-502	
Airspace class	G
Airspace type	OCTA

Altitude type	AGL (above ground level - ft)
Altitude	Exactly
Exact altitude	20

Environment	
Cloud cover	Sky Clear
Visibility	10.0 km
Light conditions	Daylight
Precipitation type	Nil
Precipitation intensity	Nil
Icing conditions	Nil
Wind direction	NE
Wind speed	05

Individual: [REDACTED]	
Associated Aircraft	[REDACTED], AT-502
Surname	[REDACTED]
Given names(s)	[REDACTED]
Position/Role	Pilot in command
Date of birth	[REDACTED]
ARN/Licence number	[REDACTED]
Licence category	[REDACTED]
Licence type	[REDACTED]
Flying Hours (last 90 days)	[REDACTED]
Flying Hours on type (last 90 days)	[REDACTED]
Total Flying Time	[REDACTED]
Total on type	[REDACTED]

Organisation
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Component
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Administration	
Occurrence category	Accident
Level & category notes	[REDACTED]
TSI reportable	Immediately reportable
Further Info Required	No
ATSB involvement	Data entry
Created by	[REDACTED]
Status	Reviewed
Occurrence title	Collision with terrain - Goondiwindi Aerodrome, W M 40Km - 28-Dec-16
<b>Notification: W201601491</b>	
Reference number	W201601491

## Document 3

Date	29 Dec 2016
<b>Notification: M201700057</b>	
Reference number	M201700057
Date	04 Jan 2017
<b>File: SOM notification</b>	
File	<a href="http://siimssharepoint/Aviation/OccurrenceDocuments/2017/1/201605439-State Of Manufacture Notification.pdf">http://siimssharepoint/Aviation/OccurrenceDocuments/2017/1/201605439-State Of Manufacture Notification.pdf</a>
Title	SOM notification
Date	06 Jan 2017

**From:** [ATSB International Reporting](#)  
**To:** "[adrep@icao.int](mailto:adrep@icao.int)"; [NTSB USA National Transport Safety Authority](#); "AirOps"  
**Subject:** ACCID 201605439 [REDACTED] near Goondiwindi Qld 28 December 2016 [SEC=UNCLASSIFIED]  
**Date:** Friday, 6 January 2017 9:54:00 AM  
**Attachments:** [State Of Manufacture Notification.pdf](#)

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Good morning,

Attached is notification of an accident involving an Air Tractor AT-502B with PWC PT6A engine.  
Please forward to the relevant organisations.  
The ATSB is not investigating this accident.

Regards,

[REDACTED]  
International Reporting and Investigation Quality Assurance  
Australian Transport Safety Bureau

62 Northbourne Avenue  
Canberra ACT 2601

P [REDACTED] | E [REDACTED]







**Australian Government**  
**Australian Transport Safety Bureau**

**ICAO Annex 13 Chapter 4**  
**Accident & Serious Incident Notification**

**ATSB Reference:** 201605439      **Category:** Accident  
**Investigation:** No  
**Date and Time:** Wednesday, December 28, 2016 7:00 AM EST  
**Location:** Goondiwindi Aerodrome, W M 40Km  
**State:** QLD      **Country:** Australia  
**Latitude:** -28.4545      **Longitude:** 149.9188  
**Highest Injury:** Serious  
**Occurrence:** Operational - Terrain Collisions - Collision with terrain  
**Site Access:** Accessible  
**Dangerous Goods:** Nil

<b>Injury Details:</b>	<b>Crew</b>	<b>Passenger</b>	<b>Ground</b>
<b>Fatal</b>	0	0	0
<b>Serious</b>	1	0	0
<b>Minor</b>	0	0	0
<b>Nil</b>	0	0	-

**Nationalities:** Australia

**Aircraft Details:**



**Aircraft Type:** Aeroplane  
**Serial Number:** 502B-0473  
**Manufacturer:** Air Tractor Inc  
**Model:** AT-502B  
**Engine Manufacturer:** PRATT & WHITNEY CANADA  
**Engine Model:** PT6A-15AG  
**Operation:** Aerial Work      Aerial Agriculture  
**Damage Level:** Destroyed  
**Country of Registration:** Australia  
**Country of Manufacture:** United States  
**Departed:** Macintyre Downs Farm Qld  
**Destination:** Macintyre Downs Farm Qld

**Summary:** During aerial agriculture operations, the aircraft struck a drainage channel and powerlines before colliding with terrain. The pilot sustained serious injuries and the aircraft was destroyed.