

INTERNAL MINUTE

Subject : *Army Basic Technical Training Course*

To : *Mr John Allen* My ref :

From : Your ref :

Attached is a photo-copy of your report from 20/62 Army Basic Technical Training Course, for your retention.

I again wish to congratulate you, as does our Director, on your outstanding performance.

V. A. Johnson

SUPERVISING SURVEYOR (GEOGETIC)
DIVISION OF NATIONAL MAPPING

24 Apr 63

COURSE REPORT

1. SCHOOL SCHOOL OF MILITARY SURVEY
 Title of Course 20/62 ARA BASIC TECHNICAL TRAINING (SURVEYOR)
 Duration 26 weeks. From 17 JAN To 25 JUL 62
 Aim(s) of Course To give basic trg toward qualification by students as Cl 3 svyrs (topo).

2. STUDENT
 Army Number Civ Rank Mr. Name ALLEN J.
 Corps _____ Unit Div of National Mapping Command _____
Dept of Nat. Development

3. GRADING
 *Classification "A" Final Position in Class 1 Total Number Attending 7

4. Classification of the student in relation to particular subjects which the course was designed to teach or test.

Subject	* Classification	Subject	* Classification
SEE ATTACHED SHEET			

5. GENERAL REMARKS (to include such personal qualities and characteristics as can be properly assessed)

Has well above average natural ability, and is thoroughly interested in his work. Gave a very solid effort of work and study throughout, always aiming at the top. Results consistently sound; quality of field notes and general draughtmanship, very good indeed. These facts, partly contributable to sufficient competition from some other students, have led to a very rare "A" pass. A most useful member of any survey organization, and if he continues studies and retains the tenacity of purpose shown here will go a long way. Apart from fine technical result has shown himself to be courteous and co-operative; has a quiet, pleasant personality and gets on well with his contemporaries.

6. RECOMMENDATION REGARDING SUBSEQUENT EMPLOYMENT

Surveyor Topographical


 _____ **Ma1** Senior Instr.

 _____ **Lt-Col** Chief Instr.

Initials of Student JA

Distribution (Army Schools Only) -- * Classification -- Date 21 Jul 62

AHQ (DMT)	3	A -- Outstanding	
Comd. HQ	1	B -- Above Average	
Unit	1	C -- Average	
		E -- Below Average	

Subject	Assessment Criteria	Possible Marks	Marks Obtained	%	Class Average	Classification
Mathematics	Progressive tests and final paper.	300	276	92	69	A
Physics	Progressive tests and final paper.	300	272	91	70	A
Compass and pace traverse	Accuracy - distance and bearing each leg. Plot - draughting and adjustment Field notes	100	90	90	74	A
Chaining	Accuracy - linear for each leg. Recording and diagrams - neatness and completeness. Technique - handling of equipment. Abney slopes Reductions: Accuracy and neatness.	250	182	73	70	C
Theodolite traversing	Instrument technique, plumbing of pickets. Accuracy of results - each angle, carrying of heights. Recording and reductions.	200	194	77	70	B
Traverse Computations	Accuracy Speed Neatness	100	82	82	60	B
Computation TM Co-ords from Brg and Dist	Accuracy Speed Neatness	100	57	57	43	E
Recording and Reduction	(Trig, astro, and tellurometer) Accuracy and completeness Neatness, clarity, diagrams.	125	103	82	68	B
Lightkeeping and Communication	Setting up and alignment, operation of, helio and lamp, incl sending message. Knowledge of morse code; voice procedure on wireless.	175	136	78	66	B

Subject	Assessment Criteria	Possible Marks	Marks Obtained	%	Class Average	Classification
Planetabling	Accuracy - horizontal " - vertical Draughting Amount accomplished.	300	235	78	49	D
Barometer heighting	Field identification and marking; field recording; accuracy of results. Computations - accuracy, speed neatness.	180	142	79	70	D
Resection and Intersection	Accuracy of observations; recording; diagrams, tie to photo point. Computations - accuracy, speed, neatness.	175	142	81	68	D
Dumpy levelling	Accuracy Instrument technique Recording and reductions Staff - holding, selection of change points.	150	127	85	73	D
Annotation	Symbols Accuracy Neatness Amount accomplished.	150	132	88	63	D
Geometry of air photos	Written examination, (at end of this phase).	125	105	84	62	D
Stereoscopy and contouring	Acuity Accuracy of contouring Amount accomplished.	150	120	80	61	D
Compilation	Base lines, minor control/ join points PP traverse Templates Detail dotting Specifications Draughting/pennmanship Accuracy Speed/amount accomplished.	300	282	94	74	A
End of course examinations	Survey (written) incl Computations.	300	289	96	55	A
	Photogrammetry (written).	200	151	76	63	D



AUSTRALIAN MILITARY FORCES

Certificate

This is to Certify

That Mr. J. ALLEN whose Unit and / or
Service / ate of Division of National Mapping, attended the following
Department of National Development
Course of Instruction:—

Title of Course 20/62 ARA Basic Technical Training (Surveyor)
(Topo.....)

Duration 26 Weeks, from 17 Jan to 25 Jul 62

Aim(s) of Course To give basic training towards qualification
by students as Class III Surveyors Topographical.

Classification awarded "A"

Subjects covered Mathematics; Physics; Field practice and
theory of basic surveying - (Surveying Part I);
Compilation and elementary photogrammetry.

* Remarks

School of Military Survey

Date 25 Jul 62

J. H. L. ... Lt-Col.
Chief Instructor

* To include, if applicable, qualifications for promotion obtained.