

CHAPTER THREE

METHODOLOGY

This chapter describes the methodology used in this study. It consists of the subjects, the materials, the procedures used in collection and analysis of the data, and the data analysis.

3.1 SUBJECTS

Because the main purposes of studying English of commissioned officers and non-commissioned officers may be different, the population in this study was divided into two groups that were commissioned officers and non-commissioned officers. Commissioned officers in this study did not include the officers who were in the rank of Colonel or higher because they were not required to study English. Non-commissioned officers in this study means the officers who were in the rank of private first class, corporal, sergeant, sergeant major or equivalent. 30 officers including men and women of each group were selected randomly to be the respondents of the study.

3.2 MATERIALS

The research instrument in the study was a questionnaire applied from the previous study, "A survey of needs of English for theological students at Thailand Baptist Theological Seminary", written by Captain Vipada Poonsakvorasan. The questionnaire was divided into two main parts consisting of eight questions asking for general background and seven questions asking for needs of studying English information. A Likert scale was used in the questionnaire in order to find the level of needs.

3.3 PROCEDURES

The questionnaire from previous related research was adjusted in order to make it more appropriate for RADC officers by changing and eliminating some items which were irrelevant. After adjusting, the questionnaire was translated into Thai and it was proofed by the advisor before conducting the pilot study.

Three commissioned officers and two non-commissioned officers were asked to be respondents of the pilot study. The purpose of the pilot study was to examine whether the instructions and the questions in the questionnaire were clear or not.

After being proofed by the instructor and examined by conducting the pilot study, the questionnaires were distributed to 30 commissioned officers and 30 non-commissioned officers by using accidental sampling technique. Finally, 60 completed questionnaires were decoded and analyzed to find out the result.

3.4 DATA ANALYSIS

The SPSS/PC program was used to compute means, standard deviations, and some statistical test of the collected data as follows:

3.4.1 The subjects' general background and some parts of part two were analyzed by using percentiles.

3.4.2 A five point Likert Scale was used to score the level of the needs in studying English.

3.4.3 Weighted Scores were used to rank the respondents' needs concerning English skills; listening, speaking, reading and writing.